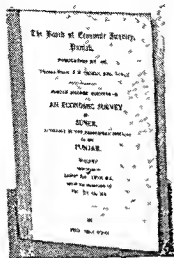




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PUNJAB GOVERNMENT REPORTS  
AND  
STATISTICS**

# Board of Economic Inquiry, Punjab

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(Note.—Figures in brackets show Publication numbers)

# **The Board of Economic Inquiry, Punjab**

**PUBLICATION No. 10.**

**(GENERAL EDITOR: J. W. THOMAS, B.Sc., B.Com.)**

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## **A GUIDE TO PUNJAB GOVERNMENT REPORTS AND STATISTICS**

**BY  
CYRIL P. K. FAZAL, M.A.,  
ASSISTANT SECRETARY,  
BOARD OF ECONOMIC INQUIRY, PUNJAB.**

---

[The Board of Economic Inquiry, Punjab, does not hold itself responsible for any opinions expressed or conclusions reached by the writers.]

## PREFACE

Government reports form an important source of information on all movements in India. This Guide to official reports and statistics for the Punjab is perhaps the first of its kind in the country, and its aim is to facilitate the study of provincial problems by providing ready means of reference to relevant data contained in the annual reports of the Government Departments of the Punjab.

In all 46 reports have been indexed, including those of the last Census of 1931, the Live-stock Census of 1935 and the Wages Survey of 1937, and four reports relating to the working of Imperial Acts (*viz.*, Indian Electricity, Factories, Trade Unions and Workmen's Compensation Acts). Each annual Departmental report may generally be considered to be comprised of the "Proceedings of Government" in the portfolio to which the subject belongs, the text and the statistical tables. The "proceedings" are in the nature of a review by the Government on the working of the Department and form valuable summaries drawing attention to matters of general importance. The text discusses the statistical statements and in addition deals with matters which do not find a statistical representation.

In view of the usefulness of the Government Reports, it would be better if they could be issued regularly. In some cases, it was noticed that two issues of a report appeared in one year presumably in an attempt to work off arrears in publications. In eight cases, the reports indexed relate to the year 1936-1937 although more than a year has elapsed since new reports were due. Delays such as this detract seriously from the general, as well as the statistical, value of these reports.

The Punjab Administration Report is no longer published owing to political and administrative changes in the Province. It would be definitely welcomed if the publication of the report could be resumed.

Among the reports indexed in this Guide, of particular interest are the Census Report of 1931, the Public Health Report pertaining to vital statistics, the Land Revenue Administration Report dealing with collection of land revenue and mortgages, sales and other land transfers, and the Irrigation Report giving the financial accounts of each canal in the Punjab since its inception. The latest addition is the Public Service Commission Report.

Mr. C. P. K. Fazal, M.A., has devoted considerable time and labour in the preparation of this handbook. His pains will be amply rewarded, if the Guide is found of some use by the students of provincial problems for whom it is intended.

L. C. JAIN.

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## INTRODUCTION

An established government works through departments, each with specified functions and together covering the whole range of governmental activities. These departments periodically issue reports on the progress of their work, not only for current information, but also to provide a permanent record for future guidance. Most of the reports appear annually, although the period reviewed in them does not necessarily coincide with the calendar year but may refer to "financial," "agricultural" or other "year." Other reports, such as the decennial population census volumes, or the fortnightly food prices reports, appear at longer or shorter intervals, while yet others are of a non-periodic nature, such as the reports of Commissions and Committees appointed to deal with special problems, and the miscellaneous literature issued by departments for propaganda or educative purposes; as, for example, those brought out in recent years by the Punjab Rural Reconstruction Department and the technical bulletins of the Agricultural, Industries and Irrigation Departments.

All the reports are not available to the public as some are for "official use only," *e.g.*, that of the Zoological Gardens at Lahore. Such reports are not always printed and may be in manuscript form, and for this reason that of the Lahore Improvement Trust, which is in typescript, has been excluded from this Guide. Forty-six reports issued by the various departments of the Punjab Government are dealt with and all are printed at the Government Press, Lahore—with the exception of the two census volumes. Reports dealing with "Imperial" subjects, *i.e.*, those controlled directly by the Government of India, such as the North-Western Railway and Currency, have been excluded.

The Punjab annual reports are usually in three sections: (1) governmental review on the particular department's activities during the year; (2) text; and (3) statistical portion. In some the statistical section is omitted (as in the Audit and Criminal Tribes reports), while in others the "review" may be replaced by a copy of the correspondence between the head of the department and the higher authorities, relating to the submission of the report (*cf.* the Legal Affairs report and the two "Justice" ones). No attempt has been made in this book to index the reviews or the correspondence. The text, and more particularly the statistical section, of consecutive issues of each annual report tend to remain very much the same since obviously the nature of



work of the departments does not materially alter from year to year. This results in a certain set form being evolved which facilitates the preparation and writing of the report and it is chiefly because of this similarity in successive issues that the tabular matter has been indexed in detail in this Guide.

Forty-one annual reports (including that of the Zoo) have been dealt with—they have been arranged alphabetically according to the name of department—and in the beginning of each section some incidental information is given, *viz*, the year of first issue, dimensions of the volume, number of pages, the period reviewed, and the price. A description of the text is then given, together with a short history of the department where available, followed by an index of the statistical section. Where the information given in the text is of particular interest, as, for example, in the Agriculture and Education reports, the main topics have also been indexed. Although no hard and fast classification can be followed as the functions of many departments overlap, a general idea of the reports may be obtained from the broad grouping given below.

1. *General Administration*.—Administration report (now obsolete) and the reports of the Public Service Commission and Court of Wards; also the population and live-stock Censuses. Mention should here be made of the weekly *Punjab Government Gazette*, and the various Manuals of instructions and orders for departmental use only.\* (These have not been included in this Guide).

2. *Revenue and Finance*.—Land Revenue, Excise, Stamps, Local Audit and Outside Audit reports. Mention should here be made of the annual Budget, which is issued for official use and for the information of the legislators, in three volumes, *viz*, (1) Budget; (2) Memorandum "explanatory of the Budget," and (3) New Expenditure. In addition there may be one or more volumes of "Supplementary Estimates." Two other reports may also be noted, *viz*, Finance Accounts (dealing with the working of the Budget), and Appropriation Accounts (dealing with the grants and including the "Audit Report" of the Accountant-General, Punjab)

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\*Manuals—Budget, Colony (with five supplementary volumes), Excise (four volumes), District Office, Forest (two volumes), Fisheries, Jail, Law Department, Land Administration, Land Records, Medical, Printing and Stationery, Public Works, Sub-Treasury, Settlement, Stamp

Codes—District Board Account, Education, Municipal Account, Punjab Codes (two volumes)

Financial—Book of Financial Powers

Rules and Orders—Fundamental Rules (three volumes), High Court Rules and Orders (six volumes), Land Administration Acts and Rules (two volumes), Police Rules (4 volumes).

3. *Law and Order*.—The four “legal” reports, *viz*, Legal Affairs, Civil Justice, Criminal Justice and Registration (of documents), and those dealing with “peace and security,” *viz*, Police, Jails, Reclamation (of prisoners) and Criminal Tribes, also the report of the Chemical Examiner, which deals with medico-legal cases.

4. *Beneficent Departments*—This section may be considered under various sub-groupings:

(a) *Land Agriculture, Forests, Season and Crops, Colonies* (which relates to canal settlements), and *Land Records*; also the *Fortnightly Food Prices* reports, which are not issued separately but are available to the public in the weekly *Government Gazette*.

(b) *Industries* The *Industries Department* report and those dealing with “Imperial” Acts (Electricity, Factories, Trade Unions and Workmen’s Compensation); also the *quinquennial Wages Survey*.

(c) *Public Works* The reports of the three branches of the *Punjab Public Works Department*—*Irrigation, Buildings and Roads, and Electricity*

(d) *Education* *Education, Co-operative Societies, Museum and Zoo* reports.

(e) *Local (Self) Government* The reports of the *District Boards, Municipalities, Panchayats and Small Towns*

(f) *Medical. Hospitals and Dispensaries, Mental Hospital, Public Health and Veterinary* reports

As already stated, it is difficult to group the reports into watertight compartments, and information on a particular subject may sometimes be found distributed over more than one report. This point should be borne in mind when looking for a definite reference; if it is not in one report the chances are in favour of finding it in another, and there are comparatively few matters concerning the administration of the province which do not find a reference in any of the publications. For example, although the *Education* report deals generally with educational institutions, detailed information for the *MacLagan Engineering College, Moghalpura*, will be found in the *Buildings and Roads* report and for the *Punjab Agricultural College, Lyallpur*, in the *Agriculture* report. Similarly, the *local government* reports give the expenditure of each local body on, say, breeding operations, education, medical relief, etc., while provincial figures and general discussions will be found in the main reports on these subjects.

The *Preface* mentions some of the defects of these reports and perhaps a few other criticisms may be added. As mentioned, the reports do not all relate to the same “year.” The “financial year” ends on 31st March, the “agricultural year” on 30th June, the “revenue year” on

30th September, and, of course, the calendar year on 31st December. The effect of this diversification is that the reports appear "in a stream" throughout the year; and, with the delay in their publication, it was not possible to notice in this Guide the latest reports for all the Departments belonging, even nominally, to the same year. As regards the subject-matter, the text is usually very comprehensive but, at places, too many statistics are introduced to make reading easy; there is also a tendency towards repetition of whole passages from previous issues. Much might be said about the statistical section but suffice to say that sometimes it requires considerable familiarity with the tables before they can be fully used, and in this respect it is hoped that this Guide will prove of some assistance.

One remarkable and welcome feature of the reports is their low price. A complete set of those referred to in this book—the two Audit, the Zoo and the Food Prices reports are unpriced—costs Rs 52-14-0. All the annual reports can be bought for Rs 39-10-0, but of these the Irrigation volume alone costs Rs 23, and it is suggested that a "popular" edition of this interesting report be issued. Of the rest seven reports are priced between 12 annas and Rs 1-4-0 and the others less.

Perhaps a word of apology may be added. This Guide is probably the first of its kind in India and consequently there may be many errors and omissions, technical and other, but every effort has been made to keep the form of presentation as simple as possible, and the references, of which there are nearly 10,000, have also been checked. In this latter work I had the cordial co-operation of my co-workers in the office and for general guidance I wish to acknowledge the assistance of L. Labhu Ram, Librarian of the Punjab University Library and L. Jaigopal Mehta, Librarian of the Punjab Civil Secretariat Library.

C. P. K. F.

## LIST OF DEPARTMENTS ISSUING REPORTS

(Note—Figures in brackets show the serial numbers in which the reports are given in the Table of Contents)

1. Office of the Chemical Examiner, Punjab.  
Report of the Chemical Examiner (5)
2. Office of the Chief Engineer, Public Works Department, Punjab,  
Buildings and Roads Branch.  
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3. Office of the Chief Engineer, Public Works Department, Punjab,  
Electricity Branch.  
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4. Office of the Chief Engineer, Public Works Department, Punjab,  
Irrigation Branch.  
Irrigation Report (23)
5. Office of the Chief Conservator of Forests, Punjab.  
Forest Report (16)
6. Office of the Chief Inspector of Factories, Punjab & N.W.F.P.  
Report on the Indian Factories Act (19)
7. Civil Secretariat, Punjab.  
Administration Report (45)
8. Office of the Curator, Central Museum, Lahore.  
Museum Report (30)
9. Office of the Deputy Commissioner, Criminal Tribes and Reclamation Officer, Punjab.  
Criminal Tribes Report (11)  
Reclamation Report (35)
10. Office of the Director of Agriculture, Punjab.  
Agriculture Report (1)
11. Office of the Director of Industries, Punjab.  
Industries Report (22)  
Report on the Indian Electricity Act (18)  
Report on the Indian Trade Unions Act (20)  
Report on the Indian Workmen's Compensation Act (21)
12. Office of the Director of Land Records, Punjab.  
Fortnightly Food Prices (44)  
Land Records Report (25)  
Live-Stock Census (42)  
Registration Report (36)  
Season and Crops Report (37)  
Wages Survey (43)

13. Office of the Director of Public Health, Punjab.  
Public Health Report (33)
14. Office of the Director of Public Instruction, Punjab.  
Education Report (13)
15. Office of the Director of Veterinary Services, Punjab.  
Veterinary Report (40)
16. Office of the Examiner, Local Fund Accounts, Punjab.  
Local Audit Report (2)  
Outside Audit Report (3)
17. Office of the Financial Commissioners, Punjab.  
Colonies (Canal) Report (7)  
Court of Wards Report (9)  
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18. Office of the Inspector-General of Civil Hospitals, Punjab.  
Hospitals and Dispensaries Report (17)  
Mental Hospitals Report (28)
19. Office of the Inspector-General of Police, Punjab.  
Police Report (32)
20. Office of the Inspector-General of Prisons, Punjab.  
Jails Report (24)
21. Office of the Joint Public Service Commission, Punjab & N.W.F.P.  
Public Service Commission Report (34)
22. Office of the Registrar, Co-operative Societies, Punjab, N.W.F.P.  
and Delhi  
Co-operative Report (8)
23. Office of the Registrar, High Court of Judicature, Lahore.  
Civil Justice Report (6)  
Criminal Justice Report (10)
24. Office of the Secretary, Medical & Local Government Departments,  
Punjab.  
District Boards Report (12)  
Municipalities Report (29)  
Panchayats Report (31)  
Small Towns Report (38)
25. Office of the Legal Remembrancer to the Government, Punjab.  
Legal Affairs Report (27)
26. Office of the Superintendent, Census Operations (Temporary).  
Census Report (41)
27. Office of the Curator, Zoological Gardens, Lahore.  
Zoo Report (46)

## REPORTS

## GENERAL INSTRUCTIONS

The annual reports are arranged alphabetically according to the names of Departments, and each is treated in three sections: (1) Preliminary Information; (2) Description of Text; (3) Index of Statistical portion (omitted if there are no separate tables).

The preliminary information is in five parts: (1) "First Issue," *i e*, the period reviewed in the first report issued in the series (2) Size: two general sizes are indicated, *viz*, Royal Octavo and Quarto (folio). Actually the dimensions vary, the smaller volumes being generally about 10"  $\times$  6½" and the larger of foolscap size (3) Pages: these are shown according to the paging followed in the reports, separately for the governmental review, the text and the statistical portion. Illustrations (maps, charts, photos) are also mentioned, if any. (4) Period, *i e*, the period reviewed in the volume. (5) Price

The text is generally described chapter by chapter, and subjects of general interest are printed in thicker type. If the text is very informative, a special index of the main topics is given. Short histories of departments are included where they were available and are of interest.

The statistical sections have been indexed in detail and the dictionary arrangement followed, except, that all Acts are placed under that head. Special notes are given at the beginning of each index and these should be read carefully. Generally the table number (which is shown in Roman figures or in capital letters) is given first, followed by the column number or numbers within brackets. Where a subject refers to the whole statement, as, for example, Schools in a table classifying the schools in the province, the symbol "ST" is usually used.

To find out where any information is available, the report most likely to contain that information should first be consulted together with the index. Sometimes a particular information may not appear under the head referred to, and in that case reference should be made to an alternative heading, *e g*, "Expenditure" is given under "Cost" or "Charges" in some volumes. If one report does not give the information required another may be tried. If a subject does not find a statistical representation, a reference to the description of the text may be helpful.

## AGRICULTURE.

### REPORT ON THE OPERATIONS OF THE DEPARTMENT OF AGRICULTURE, PUNJAB (1937-38 Issue)

*First Issue:* 1905-06.

*Size:* Royal 8vo

*Pages:* 12 + 85 + xxx

*Period:* Year ending 30th June.

*Price:* 8 Annas

This report, issued by the Director of Agriculture, Punjab, reviews the progress made by the department. The first annual report was published in 1907 and related to the year ending 30th June, 1906; previously the work of the department was reviewed in the "Report of the Operations of the Department of Land Records and Agriculture, Punjab." From the 1918-19 issue the report was split into two volumes, the first comprising "the Director's own report together with brief non-technical summaries of the year's work by the experts of the Department," the second the "Annual Experimental Records" consisting of "a scientific description by each expert of the research or other work undertaken by him during the year and including also the prescribed statistical statements." From the 1922-23 issue the second part was further split into two volumes, the first generally including the report of the specialists (such as Agricultural Bacteriologist, Agricultural Chemist, Cerealist, Economic Botanist, Entomologist, Fodder and Fruit Specialists, Millet Botanist, Mycologist, Poultry Expert); the second showed the results at the experimental and agricultural stations of the department.

In the 1929-30 issue (printed in 1931) the report of each section of the department's work was issued separately, there being twenty volumes in all\*. Owing to the agricultural depression setting in at this time and drastic retrenchment all round, these volumes ceased to appear separately, only one general report being issued; the size was also reduced from quarto to octavo. The results of research and experiments were, however, summarised in a separate volume, issued in 1936.

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\*The following are the volumes issued for the year 1929-30 in 1931 —

Annual reports of—

Agricultural Bacteriologist  
Agricultural Chemist  
Associate Professor of Botany  
Cerealist  
Entomologist  
Fodder Specialist  
Fruit Specialist  
Millet Botanist.  
Mycologist  
Oilseed Botanist  
Poultry Expert.

Agricultural Experimental Station,  
Sirsa  
Seed and Experimental Farm,  
Sargodha  
Deputy Directors of Agriculture—  
Lyalpur  
Multan  
Agricultural Stations—  
Gurdaspur  
Hansi  
Montgomery.  
Sargodha  
Rawalpindi



## AGRICULTURE.

entitled "A summary of the more important results arrived at, or indicated, by the Agricultural Stations and Research Officers in the Punjab, 1930-31 to 1934-35." It is presumed that such volumes will, in future, appear at intervals of three years or so.

The report under review comprises 21 chapters (including the Introduction), one appendix and 8 tabular "annexures." The text includes remarks and reviews on the work of the agricultural experts (Bacteriologist, Botanists for various crops, Cerealists, Chemist, Entomologist, Fodder and Fruit specialists), etc., and the appendix summarises their "programme" of work.

The report does not give the statistics of acreage sown and harvested, nor the outturn and prices of the crops of the Punjab, as these appear in the "Season and Crops" report issued by the Director of Land Records. The text is concerned solely with the various operations of the Agricultural Department on which falls the onus of general agricultural development through scientific research, and attention to the educational, marketing and propaganda side of agriculture.

The report also deals with (a) the Punjab Agricultural College and Research Institute (Lyallpur), (b) Fisheries Section, and (c) Gardens—the Lawrence Gardens and the Archaeological gardens near Lahore. The Fisheries Department was amalgamated with the Agricultural Department in 1932 after a separate existence of twenty years during which it issued 19 annual reports, the first appearing in 1911-12. Similarly there used to be a separate report on Lawrence Gardens at Lahore but it was discontinued after the 1927-28 issue.

As the text of the present report is very informative, the more important subjects have been indexed below; the appendix and "annexures" are included, but it may again be noted that they barely touch the full scope of the department's activities.

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†Seed farms Chillianwala, Fatna, Risalewala, Sargodha, Shergarh, Yusafwala,  
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‡The Government gardens dealt with are Lawrence, Shalamar, Shahdara,  
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first the others are "Archæological Gardens"

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- Gram-blight**, V.
- Grasses**, research, II; Appendix
- Ground-nuts**, research, II; Appendix
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- Market Charges and Practices**, standardization of, XII.
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**ANNUAL REPORT OF LOCAL AUDIT DEPARTMENT, PUNJAB  
(1937-38 Issue)**

*First issue: 1905-06.\**

*Size: Royal 8vo.*

*Pages: 27.*

*Period: Year ending 31st March.*

*Price: Unpriced*

Previously this report used to be issued in two parts—Part I, Local Funds; Part II, Miscellaneous Funds and Government Accounts. From 1st April, 1937, owing to "the steadily growing volume of the transactions audited by the Local Audit Department and the amalgamation with it of the Commercial and Press audits on the abolition of the late Commercial Audit Department, the activities of that Department expanded so much that it was decided to reorganise it by separating the outside Audit Department from it. The Local Audit report will now deal with local bodies (District Boards, Municipal Committees, Small Town and Notified Area Committees, Court of Wards Estates), some accounts of the Judicial Department, and a few miscellaneous accounts".

The volume under review is issued by the Examiner, Local Funds Accounts, and is in seven chapters. Chapter I is introductory and deals with personnel, cost of the Department, inspection by the Examiner, outdoor and continuous audits, embezzlements and defalcations, etc. A paragraph deals with the changes in the form of the report †

Chapter II is on **District Boards** and is in two sections, the first being a review of the state of the finances (balances; taxation) and the second selections from audit objections on the accounts of individual Boards, arranged according to revenue divisions. The first section includes a description of the general state of accounts of (i) District Works, (ii) Schools, and (iii) Cattle pounds. A paragraph deals with the triennial verification by the Boards of their properties, and another to leave and leave salary granted in excess to the employees.

The next chapter is on **Municipal Committees**, and deals with cash balances, budgeting, taxation (tax, fees and rents), and disposals of audit notes. Brief comments are made on some of the irregularities observed in the accounts of thirty-nine Committees.

The succeeding chapter is on **Court of Wards Estates**, and shows the financial position of the Estates—(i) liabilities and assets; (ii) arrears. Other matters dealt with are disposal of audit notes, "Wards' Rate," budget, short and belated credits, and general irregularities.

Chapter VI deals with certain **Judicial** Departmental accounts. The accounts of this Department have been divided into two groups, one under the Local Audit Department, the other coming under the scope of the Accountant-General and being dealt with in the report of the Outside Audit Department. The accounts mentioned in the volume under review are the Sheriff's Petty accounts (allowances to witnesses, etc.), the accounts of Special Kanungos and Patwari Moharrirs (excerpt fees, etc.), Guardian and Wards' accounts (investment transactions), and Insolvency accounts.

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\*The Department was formed in 1904.

†Some more changes may be expected in the 1938-39 issue, as it is proposed to present the report "in a little bit greater detail and to add a chapter on irregularities common to local bodies."

AUDIT (LOCAL).

The last chapter deals with miscellaneous accounts, three being mentioned, viz., the Kila Gift Fund, the District Soldiers' Boards, and the Athletic and other allied funds in educational and other institutions.

It is not the purpose of this Guide to summarise the information given in reports but only to direct the inquirer to the place where any specific information is available. Among the more usual audit objections mentioned in the report are: accumulation of arrears of taxes; delay in sanction of budgets; over-estimation of revenue; excess of expenditure over allotments, delays in attending to audit objections; short recoveries of fines or excessive recoveries of feeding charges (in the case of cattle pounds); calling of tenders; allotments of works; securities from contractors, failure to keep minimum prescribed balances; embezzlements and misappropriations; losses caused in municipal funds by neglect or misconduct of members, late payment of salaries, octroi and terminal taxes; non-payment of hospital fees by patients, arrears in house and motor taxes; cattle fair accounts.

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## AUDIT ("OUTSIDE").

### REPORT OF THE OUTSIDE AUDIT DEPARTMENT, PUNJAB (1937-8 Issue)

*First issue:* 1937-8

*Size:* Royal 8vo.

*Pages:* 8.

*Period:* Year ending 31st March.

*Price:* Unpriced.

This is the first annual report of this Department, and is issued by the Accountant-General, Punjab. As stated earlier, the Outside Audit Department was separated from the Local Audit Department in April 1937, and was given "the audit on accounts for which Auditor-General is responsible . . . and that of Local Funds under the control of Central Government, viz., Cantonment Boards."

The report is in eight chapters, and a feature of the text is that "the number of accounts audited under each category has been mentioned at the outset" and "the irregularities common to most of the accounts in a department have been given first, followed by specific cases of interest."

Chapter I is introductory and, after explaining the reasons for the creation of the Department, gives the numbers of accounts due for audit and audited, the number of days spent in inspection by the Examiner and the Deputy Accountant-General (Civil), and the cost to the Punjab Government of audit of educational institutions.

Chapter II deals with the **Jail Department** accounts and is in two parts. (A) Jail Maintenance Accounts, and (B) Mannfactories. Chapter III relates to certain **Judicial Department** accounts, viz., (i) Accounts of Copying Agencies of the Courts of District and Sessions Judges, Commissioners, Deputy Commissioners, Sub-Divisional Officers and Tahsildars; (ii) Malkhana Accounts, and (iii) Fine accounts of the courts of District and Sessions Judges. The next chapter reviews the **Education Department** accounts, which include (i) Contingent accounts of Educational Offices, (ii) Military Scholarship accounts, (iii) Accounts of Girls' and Boys' Schools and (iv) Accounts of Government Colleges.

The next chapter deals with the accounts of industrial schools and institutes under the **Industries Department**. Chapter VI concerns the following classes of accounts under the control of the **Agricultural Department**: (i) Agricultural Farms; (ii) Seed Depots; (iii) Departmental Workshops, Laboratories and Agricultural Schemes; and (iv) Well Boring. The next chapter deals with the institutions under the **Medical Department**, such as hospitals (including the Lahore Dental Hospital, and the Quinine Distributing Agency, Lahore). The final chapter reviews three miscellaneous accounts: (i) Registrar, Joint Stock Companies (ii) Burewala Reclamation Farm, and (iii) Irrigation Research Institute, Lahore.

There is no statistical section in the report.

AUDIT ("OUTSIDE").**INDEX OF TEXT**

[**Note.**—The Roman figures, I, II, etc., show the number of the chapters and the Arabic figures within brackets denote paragraphs, *e g.* III (2) means the second (numbered) paragraph of the third chapter.]

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## BUILDINGS AND ROADS -

### **ADMINISTRATION REPORT OF THE BUILDINGS AND ROADS BRANCH OF THE PUBLIC WORKS DEPARTMENT, PUNJAB. (1937-38 Issue)**

*First issue* 1863-64.

*Size* 4 to

*Pages* 7+91 with 10 full-page photographs, and a large map of the Punjab in pocket.

*Period* Year ending 31st March.

*Price* 12 Annas

The Buildings and Roads Branch of the Punjab Public Works Department has an interesting history. At the time of the annexation of the province by the British the general control of roads in Bengal and North India was in the hands of a Military Board at Calcutta. The actual work was, however, carried out by the provincial authorities concerned, while the funds were "sometimes provided by the supreme government, sometimes by the local government and partly by zemindar," the reports of this Board to the Governor-General (1841-49) "bear eloquent testimony to the confusion under which the provision and maintenance of the roads were carried on"\*

In 1849, for the first time, "a properly organised department for carrying out public works" was formed in the Punjab by Captain Napier—later Lord Napier of Magdala—and his successful administration of this body led to the creation of a regular Public Works Department in all the provinces under the control of the Central Government. The Military Board, however, continued in control of all military works until 1854 when all engineering works in the Punjab—civil, military or public—were placed under one department with Col Napier as the Chief Engineer, the Canal Branch was at the same time put under a "Director of Canals."

The first "Report on Roads" was submitted by Col Napier to the Punjab Government, and dealt with the roads constructed and in progress in the year 1853-54. The annual series, however, dates from the year 1863-64 and is entitled "Annual Progress Report of Public Works in the Punjab." It is in five sections: 1 Army (military fortifications), 2 Agriculture, 3 Buildings (courts and government offices), 4 Communications (including roads, bridges and tanks), 5 Municipal (buildings). From 1880 the report takes its present form.

The report under review has nine chapters and seven annual statements, the text includes the reports of three other institutions: 1 The MacLagan Engineering College (Chapter VI), 2 The Rasul School of Engineering (Chapter VII), and 3. The Punjab Communi-

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\*See "Grand Trunk Road in the Punjab" by K. M. Sarkar, page 5 Monograph No. 1 of the Punjab Government Record Office.

## BUILDINGS AND ROADS.

**cations Board** (Chapter VIII). The first Chapter is entitled "Administration" and deals with personnel: the Chief Engineer (who is also the Secretary to Government, Punjab, P.W.D.), the Under Secretary and the Assistant Secretary; the Superintending Engineers of four Circles (First, Second, Third, and Public Health); the Electrical Engineer; the Superintending Architect of the Architectural Circle; the Secretary of the Communications Board, and the Principals of the MacLagan Engineering College, Moghalpura, and the Government School of Engineering, Rasul. A statement shows for two years the total expenditure as well as that on establishment.

Chapter II deals with **Roads** and gives two tables of the provincial metalled and unmetalled roads maintained by the Department annually from 1925-26 to 1937-38. These tables give separately the mileages for metalled, tarred and unmetalled roads, and the expenditure on new works and maintenance from provincial funds and the Central Road Fund. The last column in each table shows the average maintenance cost per mile of road. A list is then given of the roads which were widened or improved. A third table gives the mileages of surfaced roads (P.W.D. and local) of various classes and of motorable earth roads in the province as on 31st March, 1938\*. Then follows a description of the work done on some of the 42 arterial roads; a section shows the output during the year from the **Chandigarh Quarry**, and another on "tools and plants" relates to purchases and performance of road rollers. [In the 1934-35 report (page 7) figures are given of the number of motor vehicles registered in the Punjab annually from 1932-33 to 1934-35. The 1936-37 issue contains three "Punjab Roads" maps showing the roads maintained by the department in 1921 and 1937 respectively, and a forecast of the roads in 1945].

Chapter III deals with **Buildings** and is in two sections. A—Report of the Superintending Architect; B—Reports of the Superintending Engineers. The first paragraph mentions the works with which the Superintending Architect's office was occupied during the year. This includes the new **Legislative Assembly Chamber** at Lahore†, also town planning and improvement work at various places. The second part gives details of works carried out for the various government departments, as shown in the Annual Statement B. A sub-head is reserved for Famine Relief works opened by the Public Works Department—(none this year).

Chapter IV deals with **Public Health Engineering**. After showing the estimated cost of projects, it deals with construction and maintenance works of the nature of water-supply, sewerage, sanitary arrangements, drainage, etc., undertaken for government and

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\*The roads are classed as Bituminous (1. surface-dressing with tar bitumen or asphalt hot, or in the form of cut backs or emulsions, 2. grouting, sheet asphalt on any base, asphaltic concrete, asphaltic macadam, tar concrete, tar macadam including carpets one inch or more in thickness), Cement concrete, Cement bound macadam, Water-bound macadam (1 broken rock metal, 2 kankar laterite or brick metal); Lower types (1 using artificially admixed granular material, gravel, moorum, etc., on the natural soil, 2 natural soil motorable in fair weather; 3 natural soil unmotorable).

†The recent reports show pictures of the new Assembly Chamber during construction. The present issue contains some interior scenes.

## BUILDINGS AND ROADS.

local bodies. A table gives for six years, 1932-33 to 1937-38, the total quantities of water supplied and the sewage and sullage dealt with by the Public Health Circle, as well as the total horse-power of pumps and plants under its direct charge. A paragraph also shows the important water-supply and drainage works maintained and operated at various places (including the locations of important fairs) on behalf of local bodies. There are five statements attached to this chapter, as follows:—

A.—Important Drainage and Sewerage Works Maintained (Power used, pumping units, horse-power, gallons of sewage and sullage pumped, disposal).

B.—Water-Supply Works Maintained. (Power used, pumping units, horse-power, gallons of water supplied, source of water-supply.)

C.—Important Heating, Cooling, Sterilization, Chlorination Installations, etc., under construction, or maintained. (Source of power, approximate horse-power.)

D.—Gas Installations Maintained (Type of plant, raw materials used for gas production, purpose for which used.)

E.—Laboratory Installations Maintained (Name of institution, purpose for which laboratory used.)

Chapter V deals with Electrical Engineering and mentions the electrical work (including fittings) undertaken. A list gives the number of lights, fans, motors, heaters, call-bells, etc., installed in government buildings.

Chapter VI is devoted to the MacLagan Engineering College at Moghalpura, Lahore, and gives statistics of the number of students and apprentices, recruitments, examination results, efforts to find employment for students passing out, workshops, establishment, health, sports, and finances.

Chapter VII deals similarly with the Government School of Engineering at Rasul and has six tables attached, as follows: 1. Final Examinations of the Overseer, Draftsman and Bricklayer Artisan Classes; 2. Religion, Caste, etc., of Students; 3. Employment of Qualified Students; 4. Special Course in Reinforced Concrete and Design Session; 5. Financial Statement showing Receipts and Expenditure, and 6. Expenditure on Minor Works and Repairs executed at the School.

Chapter VIII comprises the report of the Communications Board, Punjab, and gives its constitution and activities. A section is devoted to development and maintenance of district board roads. Six statements are appended, as follows (all but the first give information for each district).—

1. Abstract of Expenditure (bridges and roads; maintenance; tools and plants; establishment).
2. Grants given to District Boards for Development of Roads.
3. Expenditure of District Boards on Maintenance of Class II Roads, and grants made by the Communications Board.
4. Payments made to District Boards for Special Repairs.
5. Length of Class II Roads in charge of District Boards.
6. Work done by Tractors and Graders on District Board Roads.

## BUILDINGS AND ROADS.

Chapter IX deals with miscellaneous matters such as assistance rendered to local bodies; damage done by flood, fire and other accidents; activities of the **Land Acquisition Officer** and his staff, demarcation of "danger points" on grand trunk road; and encroachments. [In the 1934-35 report a graph (in colours) was given showing the expenditure of the Department from 1925-26 to 1934-35]

The report includes ten excellent large photographs. There is also a large coloured map of the Punjab (27"  $\times$  28") showing among other things metalled, tarred and unmetalled roads.

The annual statements appended to the report are shown below, and these alone have been indexed, those of the Public Health Circle, the Rasul Engineering School and the Communications Board being omitted.

A.—Length of, and Expenditure on Maintenance, of Roads—

1. By Circles and Divisions.

2. By Roads

B.—Provincial Expenditure on Provincial Works

C.—Expenditure on Public Works other than Provincial.

D.—Expenditure on Public Works

E.—Expenditure on Engineering Education and Communications Board.

F.—Establishment Charges earned on Original Works and Repairs

## INDEX OF TABLES

[Note.—Only the Provincial Statements are indexed. The capital initials, A, B, etc., show Statement numbers and figures within brackets denote the columns, e.g., A (2) means second column in Statement A St=Statement].

**Arterial Roads, see Roads.**

**Central Road Development Fund, STS B D**

**Communications Board, cost of establishment, ST E**

(Note.—For further information, see the tables appended to Chapter VIII of the report.)

**Education, Engineering, cost, ST. E.**

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**Expenditure, of P. W. D.—**

on provincial works, ST B—

original works (2)

repairs (3).

total (4).

on works done for central government and local bodies, C—

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total (4)

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BUILDINGS AND ROADS.

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    - "other" ( " ") (8, 9).
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**Government School of Engineering, Rasul,** cost, ST E.

(Note—For further information see the tables appended to Chapter VII of the report).

**Maclagan Engineering College,** cost, ST E

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**Public Health Circle,** revenue, ST. D.

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**Roads,** (P.W.D.)—

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of each road (arterial other), A-2—

metalled, (2).

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(Note—Figures are given for 42 arterial roads and 74 "other" roads).

**Roorkee College,** cost of Punjab students in, ST. E

REPORT OF THE CHEMICAL EXAMINER TO  
GOVERNMENT, PUNJAB

(1938 Issue)

*First issue*: 1879.

*Size*: Royal 8vo

*Pages* 2 + 4 + 10 + xviii.

*Period*: Calendar year.

*Price* 4 Annas

This Report is prepared annually by the Chemical Examiner to Government, Punjab, and sent to Government through the Inspector-General of Civil Hospitals. The text of the report under review contains 20 paragraphs, 5 tables and an appendix. The first two paragraphs deal with charge of the office. Paragraphs 3 and 4 give the number of cases and exhibits dealt with during the year and compares these with those of the previous year. The nature of the cases are shown as: (a) human poisoning, (b) cattle poisoning, (c) stain, (d) miscellaneous medico-legal, and (e) general analysis. The next paragraph gives the percentage of detection (of poisonings, "blood stain cases" and sexual offences) in the cases examined.

Paragraph 6 is on **Human Poisoning**. Among other things it gives a table showing cases where the cause of death was other than poisoning;\* remains of cremation, and criminal abortion are also mentioned. The districts sending the largest numbers of cases of fatal poisonings are shown, and a table classifies the poisons found.

Paragraph 7 concerns **Animal Poisoning** and gives the names of poisons detected in fatal cases, also the districts with the largest numbers of cattle cases (paragraph 8). The next paragraph deals with the number of "**Stain**" cases classifying them under (i) murder or hurt by violence, (ii) rape, and (iii) sodomy; the results are also shown. The succeeding paragraph gives a list of cases sent to the Imperial Serologist at Calcutta.

Paragraphs 11 to 15 deal with **General Analysis**. A table shows by administrative divisions the number and nature of **excisable articles** examined. These include licit and illicit distillation of spirits, bhang, charas, chandu, cocaine, opium, lahan, eau-de-Cologne, etc. Paragraph 16 is on **Public Health** and shows the number of samples of water and ghee examined. The next two paragraphs deal with drugs (chloroform, mel depuratum; hydrogen peroxide) examined on behalf of the Medical Stores Depot, Lahore, and **explosives** examined in conjunction with the Inspector of Explosives, Northern Circle, Lahore.

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\*Among the causes mentioned, the following had a larger number of cases: drowning, injuries, hanging, heart diseases, neglect and starvation, pneumonia, cholera.



## CHEMICAL EXAMINER.

Paragraph 17 is on "Teaching" and mentions a course in elementary scientific investigation of crime for police inspectors. The next paragraph draws attention to the Appendix which contains "some interesting cases (of poisoning) as well as some abstracts from scientific publications." A few of the cases mentioned relate to poisoning of school children through eating choorma, attempt to poison water-supply of troops; chronic arsenic poisoning due to well water; poisonings with potassium permanganate and eau-de-Cologne, etc. Two short articles are on "Opium Addict and his treatment," and "Drugs and the Law," the latter being a comparison of food laws in the United Kingdom and the U. S. A\*.

Paragraphs 19 and 20 relate to "Staff" and acknowledgments.

Five tables are appended to the report, as follows:

Statement No.	Title
I	.. Summary of work done
II	.. Results of medico-legal analyses
III	.. Nature of poison detected.
IV.	.. Places from where cases in which viscera were tested for poison were received.
V	.. General analysis for government departments, etc

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**Abortion Stick**, detection of, ST III†

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\*The 1935 issue includes an appendix dealing with the modern scientific investigation of crime in foreign countries and their application in India

†In 1937 issue

‡Animal poisonings, human poisonings, medico-legal cases, stain cases

§Separately for human poisonings (general, abortion), animal poisonings, stains.

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\*In 1937 issue

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\*By districts

†In 1937 issue

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## CIVIL JUSTICE.

### NOTE ON THE ADMINISTRATION OF CIVIL JUSTICE IN THE PUNJAB

(1937 Issue)

*First issue* 1852.

*Size* 4to

*Pages.* 2+8+xxviii.

*Period* Calendar year.

*Price* 4 Annas

This report is issued annually by the High Court of Judicature at Lahore, and with the Criminal Justice report shows the civil and criminal work of the courts during the year, the record of judicial revenue work appears in the Land Revenue Administration reports (last paragraph of the text and Statement 28)

The present High Court of the Punjab has evolved from what was the Judicial Commissioner's Court, which in 1866 was made into the Chief Court of the Province. The reports at first were called "Report for the Punjab and Cis-and Trans-Sutluj States on the administration of Civil Justice". With the creation of the Chief Court the title was changed to "Report on the Administration of Civil Justice in the Punjab and its dependencies". In 1919 the Chief Court became the High Court and the reports were entitled "Civil Statements of the High Court of Judicature at Lahore and of the Courts in the Punjab subordinate thereto." Since 1922 the present title was adopted.

The report under review, as stated in the title, deals only with an account of the civil justice; Appendix A gives the report of the working of the Sikh Gurdwaras Tribunal. The text is brief and is in 29 paragraphs.

The first deals with the "Territorial Jurisdiction" of the High Court, *viz.*, 96,686 square miles with a population of 28,490,857 (in 1931). It also mentions the number of judicial and revenue districts (21 and 29). Paragraph 2 gives the number of "original" civil suits instituted annually from 1928 to 1937, and the next gives the number of suits for money, or movable property by "Bankers and Shopkeepers against Agriculturists," with a mention of the districts with highest and lowest numbers of such suits. The next three paragraphs give the total number of suits for (a) Money or Movable Property; (b) Pre-emption, and (c) Matrimonial matters. Paragraph 7 shows the aggregate "value" of suits instituted in 1936 and 1937 and classifies them by money-groups.\*

Paragraph 8 deals with the "disposal" of suits† and also shows

\*The money-groups are as follows Rs 1—10, Rs 11—50, Rs. 51—100; Rs. 101—500; Rs. 501—1,000; Rs 1,001—5,000, Rs 5,001—10,000, Rs 10,001—1,00,000; over Rs. 1,00,000, Unclassified

†Manner of disposal: Without trial, Ex parte, On admission of claims, Compromised; After full trial; On reference to arbitration, By transfer

## CIVIL JUSTICE

the classes of courts dealing with them.\* Paragraph 9 gives the percentage of "successful" suits, while the next two show the average "duration" (in days) of miscellaneous cases and of regular suits disposed of. Paragraph 12 deals with the number of applications under the Guardian and Wards Act (VIII of 1890), and the next with "Insolvency" petitions. Paragraph 14 deals with "Execution for Decrees" and shows for 1936 and 1937 the number of applications prosecuted, disposed of, and pending. It also states the number of applications which resulted in full or part satisfaction or were wholly infructuous or probably satisfied out of court. The amount realised in execution is also mentioned, together with the districts with the highest and lowest percentages of realisation. Figures are also given of the number of cases where the judgment-debtors were imprisoned, and where immovable property was sold. Paragraph 15 deals with "Appeals" disposed of by the districts and senior subordinate judges, and groups the appeals as they were dealt with, i.e., Confirmed, Modified, Reversed and Remanded.

Paragraphs 16 to 18 deal with the **High Court**. The first gives the names of the Judges, the next tabulates the work of the court on the civil side, annually from 1933 to 1937, as follows: Original side; First appeals, Second appeals; Appeals from orders; Letters patent appeals, Applications for revision; References, Others. The first and second appeals and letters patent appeals are further classified annually for five years as: "For disposal (pending or instituted or re-instituted); Disposed of; Pending". The number of appeals admitted or rejected are shown as: admitted to Division Bench; admitted to a Single Bench, Revisions. Paragraph 18 gives the number of civil and criminal cases decided by Division or Single benches of the High Court.

Paragraphs 19 to 28 deal with "matters of general interest". The first refers to the Sikh Gurdwaras Tribunal, the details of whose working are shown in Appendix A to the Note, the second deals with Liquidation, the details of which appear in Appendix B. Paragraph 21 gives the numbers of various types of "Legal Practitioners," viz., Advocates, Vakils, Pleaders, and Mukhtars, as well as the names of those suspended from practising during the year. The next two paragraphs deal with the "inspection" of subordinate courts and judicial buildings, and the next following concerns with appeals under the Workmen's Compensation Act. Paragraph 25 mentions the decrease in the "volume of work". (The 1936 issue gives some reasons for the decrease in litigation, such as the general economic depression, costliness of litigation; enforcement of the Punjab Regulation of Accounts and the Punjab Debtors' Protection Acts, the setting up of Conciliation Boards, the enforcing of penalties under the Stamp Act, the extension of the Co-operative Societies and the awards made by them without the intervention of civil courts.)

The last four paragraphs concern the Indebtedness Acts. The first mentions the situation as regards applications for lowering the

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\*Classes of Courts (1) District Judges, (2) Subordinate Judges (with appellate powers), (3) Assistant and Extra Assistant Commissioners, (4) Subordinate Judges (without appellate powers), (5) Small Cause Courts, (6) Tahsildars and Naib-Tahsildars, (7) Honorary Civil Judges

CIVIL JUSTICE—

rates of interest under the Usurious Loans Act (1918), the next three deal with the working of the Punjab Regulation of Accounts Act (I of 1930), the Punjab Relief of Indebtedness Act (VIII of 1934) and the Punjab Debtors' Protection Act (II of 1936)

As mentioned, Appendix A is a short report of the working of the Sikh Gurdwaras Tribunal for 1937. It gives the personnel of the Tribunal and the number of cases dealt with under various sections of the Gurdwara Act (VIII of 1925)

Appendix B deals with Liquidations and other litigation under the Indian Companies Act (VII of 1913) in the High Court and the District Courts separately. A table shows the number of cases in the former court annually from 1934 to 1937. The companies who made petitions to the High Court for winding up and those who were ordered to be wound up by the court, are also given. Two enclosures to this appendix give notes in regard to the liquidation proceedings in the High Court and the District Courts. Forty companies are mentioned including banks (11), sugar and cotton mills, commercial firms, insurance companies, film companies, etc.

The statements in the report are as follows

### SIKH GURDWARAS TRIBUNAL

- I Number and Description of Proceedings
- II (Deleted).
- III General Result of Proceedings
- IV Ex-parte Decisions, Dismissals, Arbitration, Review

### PROVINCIAL STATEMENTS

- I Part I Judicial Divisions and Number of Officers.  
Part II Number of Cases decided
  - II Number and Description of Suits.
  - III. Number and Value of Suits
  - IV Result of Trials—
    - I Civil Suits (See also below)\*
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  - V. Business of Civil Appellate Courts—
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(*Note.*—Remarks show numbers doing civil or criminal work or both.)

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\*Disposal of appeals Dismissed or not prosecuted; Confirmed; Modified; Reversed; Remanded for retrial; By transfer.

†Classes of Courts Chief Courts of Districts, District Courts, High Court, Honorary Courts, Small Cause Courts, Tahsildars' Courts

‡Disposals of suits: Without trial; Ex parte; On Admission of claim; Compromised; After full trial; On reference to arbitration; By transfer.

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\*Suits for Money or movable property, Immovable property, Specific relief, Mortgage, Miscellaneous



## COLONIES (CANAL).

### REPORT ON THE PUNJAB (CANAL) COLONIES (1936-37 Issue)

*First issue.* 1896-97

*Size.* Royal 8vo

*Pages:* m + 35

*Period* Year ending 30th September

*Price* 4 Annas

The prosperity of the Punjab is in a very large measure due to her Canal Colonies, which are large tracts of land brought under cultivation as a result of canal projects and colonised by cultivators selected mostly from other parts of the Province, although provision is made for the original inhabitants of the tracts—janglis. Colonisation started in the 'eighties of the last century and the Colony Department, under the Financial Commissioner, Development, was constituted in 1886. The process of colonisation is still continuing as fresh land is being brought under irrigation by the opening of new canals or extensions of old ones, for instance, in the Nih Bar Colony in the Montgomery and Multan Districts, and in the southern portion of the Lyallpur District where the Lower Chenab Canal is being extended. The lines of colonisation are generally laid down in the Punjab Colony Manual while the relevant legislation is contained, among other laws, in the Punjab Colonization of Government Lands Act (V of 1912).

The report under review summarises the progress in colonisation work—(a list of the colonies is given in the footnote to the index of the statistical portion). The following is a brief description of the text, which is in 16 paragraphs.

The first paragraph gives statistics (if any) for land surveyed or demarcated and includes killabandi operations, i.e., laying down fields of standard measurements. The next paragraph deals with "conditions," i.e., the terms against which colonists are allowed to occupy land. The paragraph is in four sections. The first relates to "new conditions" which became necessary owing to the "prolonged depression in agricultural commodity prices;" a passing reference is made to "the revised terms for the grant of land to **literate grantees**." The second section deals with "old conditions," and notes the cultivation by janglis, absenteeism in the colonies, and resumption of grants for non-fulfilment of conditions. The third section relates to "service" grants—horse-breeding, mule-breeding, tree planting, etc.—and mentions the "*lawaris ghoripal*" agitation where the younger sons of horse breeders are seeking the abrogation of the rule of primogeniture in the terms against which grants were made to their fathers. The fourth section deals with special tenancies, such as for seed farms, fruit gardens, milk recording and cattle-breeding.

Paragraph 3 relates to new allotments of land; mention is made of some valuable area being given to "unemployed literates in the hope of providing a model for surrounding villages and of encouraging ex-university students to take to farming." The next two paragraphs deal with cultivation, the first refers to the conditions on the "permanently allotted area," and the second to the position of area under temporary cultivation. Paragraph 6 discusses "receipts by way of capital" by

## COLONIES (CANAL).

auction of town sites and agricultural land, by recoveries and by "acreage rate" Paragraph 7 deals with proprietary and occupancy rights. The former are acquired when the grantees have finished a "probationary period" and the latter if conditions, residence, cultivation, etc., have been properly fulfilled. The next two paragraphs pertain to mutations of land and Settlement proceedings.

The new colonies differ from the old ones in that the tract is more or less prepared for occupation beforehand by building of roads, laying down of town and village sites, and earmarking particular plots for special purposes, such as for shops, factories, playgrounds. With the development of these new colonies fresh problems are arising, such as town planning with due regard to essential amenities, water-logging, governmental rights in real estate, etc. The remaining portions of the report consequently deal with matters like village and shop sites, towns and markets, communications—with short references to lorry traffic and postal and railway facilities—and activities under "rural reconstruction," e.g., ventilation of houses, pitting of manure. The concluding paragraphs relate to water-logging and measures undertaken to combat it, establishment and acknowledgments.

The following three tables are appended to the report:

- I Allotment
- II Area Sown
- III Demands and Recoveries on Capital Account

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[Note.—The Roman figures, I, II, etc., show Statement numbers and the Arabic figures within brackets denote the columns, e.g., II (2) means second column in the second Statement. ST = Statement.]

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- †2. Lower Bari Doab Canal Colony, Montgomery District
- †3. Lower Bari Doab Canal Colony, Multan District
4. Lower Chenab Canal Colony, Jhang District
5. Lower Chenab Canal Colony, Lyallpur District
6. Lower Chenab Canal Colony, Sheikhupura District.
- †7. Lower Chenab Canal, Pir Mahal, Khikha and Burala extensions
8. Lower Jhelum Canal Colony, Jhang District.
9. Lower Jhelum Canal Colony, Shahpur District
- †10. Nili Bar Colony, Montgomery and Multan Districts
- †11. Upper Chenab Canal Colony, Sheikhupura District
- †12. Upper Jhelum Canal Colony, Gujrat District

Note—Items marked (†) are being "colonised"

COLONIES (CANAL).

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## CO-OPERATIVE SOCIETIES.

### REPORT ON THE WORKING OF CO-OPERATIVE SOCIETIES

(1937-38 Issue)

*First issue* 1905.

*Size*: Royal 8vo.

*Pages*. 7 + 46 + xvi

*Period*: Year ending 31st July.

*Price*. 6 Annas.

This report is issued by the Registrar of Co operative Societies, and gives statistical and descriptive information of the progress made by co-operation and the working of the various co-operative institutions, during the year under report. The report contains seven Statements, A, B, C, G, H, I and J. The first three statements and Statement J give detailed particulars of the year's operation of Central Banks, Agricultural Societies, Non Agricultural Societies and Central Non-Credit Societies, respectively. Statements G, H and I pertain to Central Banks and give particulars of their receipts and disbursements, balance sheets, and profit and loss accounts.

The descriptive section of the report is not merely a commentary on the statistical tables but contains much additional information of great value. Among other things mentioned there are useful notes on Common Good Funds, Women's and Children's Societies, Consolidation of Holdings Societies, Commission Shops, Thrift Societies, Better Living Societies, Disputes and Liquidations.

The text is in seven chapters and has 51 paragraphs. Chapter I deals with "Administration" (paras 1 to 4) and shows the numbers of gazetted, honorary and executive staffs. The last includes the numbers of Inspectors and Sub-Inspectors paid by various bodies\* arranged according to the nature of societies in their charge, such as, Consolidation of Holdings, Cattle Breeding, Industrial, Urban, Better Living (For the various kinds of co-operative societies, see the footnotes to "Agricultural Societies," "Non-agricultural Societies," and "Non-credit Societies" in the index below).

Chapter II deals with "General Progress" (paras 5 to 7), and contains a table showing, for three years, the numbers of societies and members and the working capital under the various co operative institutions. Chapter III deals with "Central Societies" (paras 8 to 22), and begins with the description of the constitution and the working of the Punjab Co-operative Union. The next section shows the financial position of the Punjab Provincial Co-operative Bank for three years,

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\*Paid by—1 Punjab Government, 2 Government of India subvention, 3 Abiana grant for Gurgaon District, 4 Punjab Co-operative Union, 5 Co-operative Industrial Bank, Amritsar, 6 Contributions from consolidated villages, 7 Honorary

## CO-OPERATIVE SOCIETIES.

its fluid resources and investments, lending and borrowing rates of interest, and profit. The Central Banking institutions (including industrial unions) are then dealt with and details given of their capital, deposits (including fixed and saving banks), fluid resources, investments, profit and dividend, loans to and recoveries from, societies, loans to estates under Courts of Wards, and "relief."

Chapter IV is on "Agricultural Societies" (paras 23 to 38). Class I (a), "Credit limited, Land Mortgage Banks" is taken up first and their financial position discussed. This is followed by Class I (b), "Unlimited, general." A useful table is given showing an analysis of the purposes for which loans were granted, such as repayment of debts, purchase of cattle, payment of revenue, seed—(23 items in all). Paragraphs are also given on recoveries, deposits, secretaries, members applying for insolvency (with reasons). Class II, "Purchase and Sale Societies," and Class III, "Production and Stock-breeding Societies" are next dealt with, and include descriptions of cattle, sheep and buffalo breeding societies. The next section deals with "Production and Sale Societies," in which the following are described (a) Better Farming Societies (including fruit growing, bee-farming, cho reclamation), (b) Consolidation of Holdings, and (c) Sale Societies and Commission Shops. Class VI, "Agricultural Thrift Societies," are then taken up and these include Crop Failure Relief Societies. The last paragraph deals with other kinds of societies—(such as Silt Clearance, Land-Holding, Guzara Forest)

Chapter V deals with "Non-Agricultural Societies" (paras 39 to 46), in four classes, viz, (i) Credit (urban and rural), (ii) Purchase and Sale, (iii) Production and Labour (including Model Town and Gurdaspur Building Societies), (iv) Industrial (weavers, shoemakers, carpenters). The following societies are then taken up (i) Non-Agricultural Thrift, (ii) Compulsory Education, (iii) Arbitration, and (iv) Better Living

Chapter VI is devoted to Women's Societies (paragraph 47), and shows the progress in number and membership, and capital. Chapter VII provides "miscellaneous information", paragraphs 48 to 51 deal with subjects such as arbitration and execution of decrees against defaulters, societies in liquidation, audit and inspection, and number of cases reported for dishonesty

The following is a list of the Statements at the end of the report.

<i>Statement No</i>	<i>Title</i>
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B	" " Agricultural Societies
C	" " Non-Agricultural Societies
G	Central Banks Receipts and Disbursements
H	" " Balance Sheet.
I	" " Profit and Loss Statement
J	Operation of Central Non-credit Societies.

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\*Societies have been sub-divided into *Class I, (a) Credit limited (b) Credit unlimited; Class II, Purchase and Sale limited; Class III Production; Class IV, Production and Sale limited, Class VI, Other forms of co-operation* The following table shows the districts in which they are found (1937-38) —

**Class I. (a) Credit limited—(Mortgage Banks)**

(Ambala, Gujranwala, Sheikhupura, Shahpur, Mianwali, Lyallpur, Jhang)

(b) *Credit unlimited*

(In all districts of the Province)

**Class II. Purchase and Sale limited—(Supply Societies)**

(Karnal, Lahore, Montgomery, Multan)

**Class III. Production**

(a) *Silt Clearance limited.*

(Gujrat, Shalpur, Lyallpur, Multan, Muzaffargarh, D G Khan)

(b) *Stock Breeding—(Cattle Breeding).*

(All districts except Karnal, Simla, Kangra, Jullundur, Ferozepur, Sialkot and Jhang.)

(*Sheep Breeding*)

(Gurgaon, Hissar, Ambala, Jhelum, Rawalpindi, Attock, Mianwali, D G Khan)

(*Buffalo Breeding*).

(Hoshiarpur, Ferozepur)

(*Mule Breeding*).

(Ambala, Jhelum, Rawalpindi, Mianwali)

(Continued).

CO-OPERATIVE SOCIETIES.

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(All districts except Rohtak, Gurgaon, Karnal, Simla, Amritsar, Mianwali)

(ii) *Chil and Sal Tree Protection.* (Hoshiarpur)

(iii) *Fruit, Plantation, Vegetable*

(Simla, Hoshiarpur, Lahore, Gujrat, Jhelum, Rawalpindi, Jhang, Muzaffargarh, D. G. Khan)

(iv) *Reclamation of Land.* (Hoshiarpur)

(v) *Bee-keeping* (Kangra)

(b) *Consolidation of Holdings*

(Rohtak, Gurgaon, Karnal, Ambala, Kangra, Hoshiarpur, Jullundur, Ludhiana, Ferozepore, Lahore, Amritsar, Gurdaspur, Sialkot, Gujranwala, Sheikhupura, Gujrat, Shahpur.)

(c) *Sale.*

(Ferozepore, Gurdaspur, Gujranwala, Sheikhupura, Gujrat, Shahpur, Montgomery, Lyallpur, Multan; Okara Zemindara; Montgomery Fauji Zemindara.)

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(b) *Land Revenue Redemption, limited.*

(Kangra, Gurdaspur)

(c) *Land Holdings limited.*

(Montgomery, Multan)

(d) *Crop Failure Relief and Provident limited.*

(Hoshiarpur, Gurdaspur.)

(e) *Guzara Janglat limited.* (Rawalpindi.)

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..

..

..

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uncalled and subscribed

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..

..

..

32

working

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..

..

..

27

Deposits

..

..

..

..

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Dividend paid

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29

Funds, reserve and others

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25

Goods, purchase of members' products

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19

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Profits

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\*The following Non-agricultural Societies are mentioned (1937-38) —

- Class I Credit (a) limited, (b) unlimited
- Class II Supply limited
- Class III Production and Labour limited (a) Printing Press, (b) Buildings
- Class IV Production and Sale (a) Artisans, (b) Spinning.
- Class VI Others limited—
  - (1) Thrift
  - (2) Education (a) Compulsory, (b) Adult Schools, (c) Educational Associations, (d) Societies for Promoting Economic Knowledge
  - (3) Arbitration
  - (4) Better Living
  - (5) Public Health and Medical Aid

†Kinds of Societies, and districts where found—

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 Cattle Breeding Associations. (Gurgaon, Amritsar, Rawalpindi)

Date Marketing Association (Muzaffargarh)

Execution of Awards Unions (Hoshiarpur, Ferozepore, Lahore, Amritsar, Gurdaspur, Sheikhupura, Gujranwala, Sialkot, Gujrat, Shahpur, Jhelum, Rawalpindi, Attock, Mianwah, Montgomery, Lyallpur, Jhang, Multan, Muzaffargarh, D G Khan)

Fruit Development Board, Lahore

Fruit Growers' Association (Montgomery, Lyallpur, Rawalpindi)

Punjab Co-operative Union, Lahore

Supervising Union, Lahore

Supply Union, Lyallpur.

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## COURT OF WARDS.

### REPORT ON THE ADMINISTRATION OF ESTATES UNDER THE COURT OF WARDS IN THE PUNJAB

(1936-37 Issue)

*First issue:* 1892-93.

*Size:* 4to.

*Pages:* i+9+22

*Period:* Year ending 30th September.

*Price:* 4 Annas

This report is issued by the Financial Commissioner (Development), Punjab, who was constituted the Court of Wards under Act II of 1903\*. The present report deals with the affairs of 67 estates, and the note covers seven pages and is in 18 paragraphs as follows (1) Estates under management, (2) Estates taken under superintendence, (3) Estates released; (4) Income; (5) Expenditure; (6) Ward's Rate; (7) Cost of management, (8) Assets, (9) Liabilities; (10) Reduction of debt; (11) Arrears of rent; (12) Cash and batai rents; (13) Expenditure on improvements; (14) Agricultural developments, (15) Rural reconstruction questionnaire; (16) Education and training; (17) Guardians and Wards Act; and (18) Notice of officers.

Brief statistics are given in each paragraph, a few of which are mentioned here. Paragraph 4 shows the income under the following heads (a) Jagir, (b) Cash rent, (c) Sale of grain, etc., and (d) Other income. The next paragraph shows the expenditure under (1) Cost of manager and staff, (2) Personal expenses of wards, (3) Allowances to wards' families, and (4) Law, domestic ceremonies, etc. Paragraph 14 mentions the use of improved varieties of seeds and implements, sowing of fruit trees, etc., on some of the estates. Paragraph 16 shows where the wards and their dependants were receiving education, further details being given in Appendix "A" which shows the name of each estate, the number of wards and dependants and the names of the educational institutions. Two short tables at the end of the text show the financial positions of the estates released and those taken over by Government during the year.

There are seven statements appended to the note as follows:

<i>Statement No</i>	<i>Title</i>
I .	General statement of Estates
II. ..	Assets and Liabilities
III. ..	Income.
IV ..	Expenditure
V ..	Important Transactions
VI ..	Estates released
VII .	Proportion borne by Land Revenue to Gross Income

\*The old law concerning the Courts of Ward was contained in sections 34 to 38 of the Punjab Laws Act, IV of 1872, as amended by Act XII of 1878. The purpose of the Court of Wards is to afford protection to "families of social and political importance" by taking over the management of such estates as are heavily encumbered or the head of which is a minor.

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[**Note.**—The Roman figures, I, II, etc., show Statement numbers and the Arabic figures within brackets denote the columns, e.g., IV (2) means second column in the fourth Statement ST.=Statement.]

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## CRIMINAL JUSTICE.

### NOTE ON THE ADMINISTRATION OF CRIMINAL JUSTICE IN THE PUNJAB

(1937 Issue)

*First issue* 1852

*Size* 4to.

*Pages* iii + 7 + xiii

*Period* Calendar year

*Price* 4 Annas.

This report, like that on Civil Justice, is issued by the Registrar, High Court at Lahore. The text occupies only seven pages and there are six "Provincial Statements"\*. The following is a description of the 25 paragraphs which comprise the report.

The first deals with Territorial Jurisdiction (the Delhi Province and the Biloch Trans-border territory do not come within the scope of the Note), and the second gives the number of cases (offences) reported and those found 'true,' i.e., other than those dismissed on account of the complaints being false or frivolous, etc. The next paragraph gives the number of cases brought to Trial, the numbers of persons tried and convicted under the Criminal Procedure and the Indian Penal Codes are also given, while paragraph 4 shows the number of persons acquitted or discharged and the number of those who died, escaped or were transferred.

Paragraph 5 gives a table showing annually for five years the number of serious offences against property, i.e., Dacoity, Robbery, Theft and Receiving of stolen property. The succeeding paragraph deals with offences affecting Life (murder, dacoity with murder, attempted murder, culpable homicide), and also gives the number of death sentences pronounced. The next two paragraphs deal with Matrimonial offences, and offences under Special and Local Laws. The latter section mentions the prevalence of the Jirga System in certain Punjab districts and the number of cases referred to 'Councils of Elders'. Paragraphs 9 to 11 deal with the number of persons against whom Security Proceedings ('ordered to enter into bonds to keep the peace') were taken, the number of persons released on probation, and the number of cases under the Habitual Offenders' Act.

Paragraphs 12 and 13 deal with the disposals of criminal cases by the various classes of magistrates (stipendiary, district and others) and sessions judges and the average 'duration' of cases. Paragraph 14 gives the number of Witnesses examined while the next paragraph summarises the **Punishments** (death, penal servitude or transportation, imprisonment, fine, whipping). Paragraph 16 classifies the result of Appeals (dismissed in *limine*, sentence confirmed, altered or reversed; otherwise disposed of).

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\*The previous reports corresponded to those of the Civil Justice reports; the present title was adopted in 1921.

## CRIMINAL JUSTICE.

Paragraphs 17 to 20 deal with the **High Court**. The first gives the names of the Judges, the second the results of Murder references (confirmed, commuted, acquitted, etc.) with mention of changes made in the sentences by the Governor-General-in-Council. The third deals with original criminal trials and also gives figures for petitions for Contempt of Court (with description of punishments awarded) and those under the Press Act. The last paragraph gives in tabular form the results of criminal Appeals and Revisions (sentence dismissed, confirmed, enhanced or reduced, proceedings quashed, new trial ordered, accused died or escaped).

The final paragraphs (21 to 29) concern "matters of general interest." The first compares the state of crime with the previous year and the next that of serious offences with a table showing annual figures since 1932. Paragraph 23 similarly compares offences under local and special laws such as those under the Police, Hackney and Stage Carriage, Motor Vehicles, Gambling, Forest, Prevention of Cruelty to Animals, Railway and Compulsory Education Acts. The next paragraph shows average duration of trials in the various classes of courts. The final paragraph contains some remarks of the judges on allegations made regarding police investigations.

(In the 1936 issue paragraph 27 mentioned the dacoities in the *Ferozepore District* and efforts by the police to reduce it through the *Mobile Force*; also the efforts directed against Cattle Thieves in the *Muzaffargarh District*. Paragraph 28 commented on the increase in the offences under the Motor Vehicles Act.)

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## CRIMINAL TRIBES.

### **ANNUAL REPORT OF THE ADMINISTRATION OF CRIMINAL TRIBES IN THE PUNJAB**

**(1937 Issue)**

*First issue* 1917

*Size* Royal 8vo

*Pages* 5 + 3 + 26

*Period* Calendar year

*Price* 4 Annas

17308

The report is prepared by the Deputy Commissioner of Criminal Tribes, Punjab, and forwarded to the Home Secretary through the Inspector-General of Police. There are no annual tables and the statistics are given in the text which is in 21 paragraphs as follows.

Paragraph 1 gives the "Population" of notified criminal tribes at the end of the year and of the people under the direct control of the Department, i.e., those in Settlements, Colonies, Reformatory Schools, and villages. Figures also show the numbers brought on the register by fresh registration, re-registration of "exemptees," and transfers, and those removed in consequence of death, erasures, exemptions and transfers. The total number of registered persons are further divided into "Settled" and "Wandering" and classified as "registered but not restricted" and "restricted" under sections 10 and 11, respectively, of the Criminal Tribes Act. The second paragraph deals with Tribes and Gangs and gives the number of new Gangs which were brought under the operation of the Act; statistics are given of the convictions under various laws\* and the names of the tribes or gangs to which the offenders belonged.

Paragraph 3 deals with Exemptions, i.e., people who were given greater freedom of movement on account of good conduct, and the next paragraph with the behaviour of the Hereditary Criminal Tribes. A table in the latter section shows the total number of registered persons in each district and settlement of the Punjab and the numbers convicted, and this is followed by a discussion on the state of crime among the more important tribes. The next section is entitled "General results achieved and further measures needed" and this is followed by "Escapes and Arrests."

Paragraphs 7 to 12 deal with the conditions in Settlements and discuss occupations and earnings, social, moral and religious advancement, releases, discharges, health, etc. The prospects for employment of criminal tribes men are mentioned and a list shows the various industries followed in Settlements, the state of indebtedness and the position of the co-operative credit societies is also dealt with. Paragraph 13 similarly deals with villages and Colonies under the direct control of the department. The next two paragraphs relate to "St. John's Ambulance and Red Cross" and "Education and Scouting," the latter including remarks on female education and girl guides.

\*The laws mentioned are 1 Indian Penal Code, 2 Criminal Procedure Code; 3. Criminal Tribes Act, and 4 "Other laws"

CRIMINAL TRIBES.

The remaining paragraphs deal with miscellaneous matters, such as the work of the Criminal Tribes Officers, service and leave rules, relations with Indian States and neighbouring provinces, finances.

The main topics of the text are indexed below.

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\*The following tribes are mentioned, Aheri, Baddon, Barrar, Bauria, Bhen-gali, Bhedkut Bhura Brahman, Bdoches (Karnal, Nur Mahram, Akla Hayat), Chhemar, Dullu, Gandhilla, Gedri, Harnu, Kuchband, Mahtam, Mina, Nat Sansi, Pakhiwara, Rachband, Sansi, Singkat, Tagus

†The following industries are mentioned ban twisting, cane work, carpentry, cluck making, durrie-making, furniture, leather work, matting, munj pounding, shoemaking, tailoring, weaving

‡The following industries and trades are mentioned manufacture of baskets, boots and shoes, chaplis, chhays, suit cases, trading in skins of foxes, jackals and lizards

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## DISTRICT BOARDS.

### REPORT ON THE WORKING OF DISTRICT BOARDS IN THE PUNJAB

(1936-37 Issue)

*First issue:* 1885-86

*Size:* 4to.

*Pages:* 5+25+iv

*Period:* Year ending 31st March

*Price:* 4 Annas.

The report as it now appears is a small document very much different to the bulky volumes issued previously up to 1931. The text is in the form of "Proceedings of the Punjab Government in the Local Government (Boards) Department," and comprises nine paragraphs, as follows.

The first paragraph deals with the constitution and membership of the District Boards and gives the numbers of the official and non-official, and European and Anglo-Indian, members; also the number of non-official chairmen, and attendances at meetings and their conduct (adjourned: abortive for want of quorum). The second paragraph comments on Elections and the atmosphere they create, and the next gives a table showing six years' figures of income and expenditure, and another, expenditure under its main heads. Paragraph 4 deals with the general financial position of the Boards.

The next five paragraphs deal with the particular activities of the Boards, e.g., (5) Medical, (6) Communications; (7) Education; (8) Public Health; and (9) Veterinary and Stock-breeding. The section on education mentions the number of district board educational institutions and the number of scholars reading in them comments are also made on female education and co-education. The public health section deals with epidemics, maternity and child welfare centres, and health propaganda, and the next section with veterinary hospitals and dispensaries and cattle breeding schemes, such as Dhanni, Haryana, etc.\*

The last paragraph ("Conclusion") quotes from remarks of the Commissioners on the progress of the District Boards.

The statistical portion gives two main "Forms" 1—Constitution; II—Income and Expenditure. Two "Abstract" tables summarise the information contained in the Forms; which give figures for each district board, and the abstract tables only the provincial totals. Two appendices at the end show 1 financial position of the Boards, and 2 income and expenditure "under the headings given in Table 135 of the Statistical Abstract for British India"†. For ready reference the main heads of income and expenditure in Form II are given below.

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\*The number of bulls issued by the Hissar Cattle Farm to the district boards and the number of Subsidy Bulls in the Dhanni tract are given in the 1934-35 issue.

†The headings are Income—1, provincial rate, 2, civil works, 3, other sources. Expenditure—1, education, 2, civil works, 3, sanitation, hospitals, etc., 4, debt and miscellaneous.

DISTRICT BOARDS**I.—General Departments***Income.*

- A.—General
- B.—Taxes (Local rate, Profession or Haisiyat; other taxes).
- C.—Fees (other than from institutions).
- D.—Income under other Acts—  
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- B.—Collection of Taxes.
- C.—Collection of Fees
- D.—Administration of other Acts.  
(As for Income)
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- F.—Miscellaneous Unclassified Charges

**II.—Education**

- A.—Fees
- B.—Contributions
- C.—Miscellaneous
- D.—Female Education

- A.—Inspection
- B.—Colleges.
- C.—High Schools
- D.—Middle Schools
- E.—Primary Schools
- F.—Public Libraries, Museums, etc
- G.—Female Education

**III.—Medical**

- A.—Fees
- B.—Sale of Medicines
- C.—Contributions
- D.—Miscellaneous

- A.—Direction
- B.—Hospitals and Dispensaries
- C.—Charges for Lunatics.
- D.—Charges for Lepers
- E.—Anti-rabic Treatment of Paupers

**IV.—Public Health**

- A.—Sanitation Tax
- B.—Fees.
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- A.—Direction
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- F.—Maternity and Child Welfare.

**V.—Veterinary and Stock-breeding**

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- A.—Contributions.
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# DISTRICT BOARDS

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B—Loans other than for roads	B.—Repayment of Loans.
C—Grants for Famine Relief.	C—Famine Relief.

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C—Advances and Deposits
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## EDUCATION.

### REPORT ON THE PROGRESS OF EDUCATION IN THE PUNJAB

(1937-38 Issue)

*First issue.* 1856.

*Size:* Royal 8vo

*Pages.* 5 + 133 + xxx.

*Period.* Year ending 31st March.

*Price* 6 Annas.

The report is compiled annually by the Director of Public Instruction, Punjab, and every fifth year it takes the form of a quinquennial survey of the progress of education in the province.

The text of the report is in eleven chapters and there are ten main tables (six being in two parts giving separate statistics for males and females), and two supplementary tables. The chapters are headed as follows: I. General Summary; II. Controlling Agencies; III. Collegiate Education; IV. Secondary Education (Boys); V. Primary Education (Boys); VI. Training of Teachers (Men); VII. Professional, Technical and Special Education; VIII. Education of Girls (Indian); IX. Education of Girls (European); X. Education of Special Classes; and XI. The Punjab Advisory Board for Books. Since the text is detailed and contains much tabular matter a separate index has been prepared of the more important information contained in it; the usual index of the routine statements appears at the end of the section. Attention may, however, be drawn to the government's review (Proceedings) and the three summary tables with which the report starts. These latter in particular show the number of educational institutions of various types, the number of scholars reading in them, and the expenditure on education in the Punjab

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†Classes of Institutions. Government, District Board; Municipal; Aided; Unaided

‡Depressed classes include Bagri, Chamar, Dhobi, Mummna, Kahar, Kohli, Megh, Od, Ramdasi, Sansi, Sarera, Sweeper, Weaver.

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\*See first footnote on page 63

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[*Note*.—Classified according to (a) trained with (i) a degree; (ii) passed matric or school final; (iii) passed primary school; (iv) lower qualifications; (b) untrained (i) possessing a degree and (ii) with no degree; both sub-classified (i) certificated and (ii) uncertificated.]  
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## ELECTRICITY.

### ADMINISTRATION REPORT OF THE ELECTRICITY BRANCH OF THE PUNJAB PUBLIC WORKS DEPARTMENT

(1937-38 Issue)

*First issue* 1933-34 \*

*Size* 4to

*Pages* 1 + 27 + 1 + xiv

*Period* Year ending 31st March

*Price* 4 Annas

With the progress of the Uhl River electric scheme to a stage when it was possible to begin distributing energy, a separate Electricity Branch of the Public Works Department was created. Consequently a separate report is now issued annually by the Chief Electrical Engineer, Punjab, which reviews the commercial operations of the Department. The report on the Indian Electricity Act, which is indexed later in this Guide, reviews the workings of all electrical undertakings in the Punjab.

The report under review is the fifth in the series of the annual reports of this Department, and is in five chapters, the statistics being given in the form of appendices. Chapter I is a "General Preface" mentioning machinery, plants, equipment, area served and new projects and extensions under consideration; mention is also made of the possibility of generating power from canal falls.

Chapter II is in three sections. The first, "Organisation and Establishment," mentions the changes in the staff and gives a list of the gazetted officers of the Electricity Branch. The second section is on "General Administration" and deals with matters such as the relations of the Department with the Mandi State, plots acquired for towers for transmission lines, Standardisation of Designs Committee, and control of expenditure. The third section deals with "Commercial Matters" and discusses publicity and propaganda (broadcasting literature), and describes the department's stall in the All-India Exhibition of Arts and Crafts held at Lahore; a short section mentions the illicit use of energy.

Chapter III deals with "Construction, Operation and Maintenance." It is in seven sections; (1) Production (total number of units generated, etc) and works carried out in Production area; (2) Transmission (trunk and branch transmission, telephone lines, earth resistance, wire damper, foundations, feeder and distributing power lines); (3) Sub-stations; (4) Local Distribution (in cities and towns, individually); (5) Other Projects; (6) Surveys; and (7) Load Canvassing and Maintenance and Tests.

Chapter IV is on Commercial Matters and is in three sections Finance, Accounts, and Sales. The first mentions the "completion report" of the Uhl River Hydro-Electric Scheme, and the reports of

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\*Actually the first report was for 1926-27 when the section was known as the Hydro-Electric Branch and was concerned with the construction of the project



## ELECTRICITY.

other subsidiary schemes. The second section is in two parts; (a) Accounts system and control (Sukh Dial-Macmillan report, store accounting system, audit, statistics, etc.), and (b) Accounts—general—(departmental accounts examination for engineering officers and clerks). The Third section is on "Sales": (i) new business; (ii) sales organisation and statistics; and (iii) general, including a schedule of tariff for domestic heating and refrigeration.

Chapter V comprises a paragraph dealing with the closing down of the Uhl River Hydro-Electric Accounts

The statistics are presented in ten appendices from "A" to "J" Appendices "A" and "G" are in the form of useful graphs, the first shows monthly, from April 1937 to March 1938, the number of units generated at Shanan and transmitted to Grid, the second shows from April 1936 to March 1938, the growth of Load (applied for; approved; connected) and Revenue. The remaining appendices are indexed below, but attention is drawn to Appendix "B" ("Financial Statement") which gives in two tables the estimate of financial results annually up to ten years after the date of closing of construction estimates of the Uhl River scheme, i.e. from 1936-37. This shows that the electrification scheme may be classed as "productive" as the capital outlay (including interest and depreciation) is expected to yield a return after ten years

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## EXCISE.

### REPORT ON THE EXCISE ADMINISTRATION IN THE PUNJAB

(1937-38 Issue)

*First issue* 1864-5 \*

*Size:* Royal 8vo

*Pages* 6 + 27 + iv + vi

*Period* Year ending 31st March.

*Price* 8 Annas

This report is prepared in the office of the Financial Commissioners, Punjab. The text contains a good deal of statistical matter with five large tables at the end relating to "Imperial Returns" for purposes of drawing up All-India summaries.

The text is in six parts, "A" to "F," and contains 30 paragraphs. Part "A" is entitled "Financial" and the first paragraph gives a comparative table for three years, showing, among other things, income, profits and cost of excise administration. Paragraphs 2 to 4 deal with revenue, expenditure and collections.

Part "B" deals with Liquor. Paragraph 5 contains a table showing for five years the issues of all kinds of spirits from Anritsar, Rawalpindi, Karnal, Sujampur and Solan distilleries. This is followed by another table showing the various kinds of spirits issued by these distilleries, e.g., plain, spiced, foreign, rectified and denatured. The next paragraph deals with the issues from Punjab distilleries to other provinces or native states. Paragraph 7 gives the numbers of bottling and vend licenses and paragraph 8 contains a table on country spirits showing annually for five years, the number of shops, amount of consumption, rate of still-head duty, incidence of taxation, and total revenue, a second table compares rural and urban consumption. Paragraph 9 gives comparative figures of consumption of plain and spiced spirits, and the next deals with the price of country spirits at various places. Paragraphs 11 to 14 deal with the spirits and wines imported, the "strengths" of country spirit and Indian-made foreign spirits (brandy, whisky, rum, gin), medicinal and non-medicinal preparations, and denatured spirits, paragraph 15 shows the issues of rum and beer to troops, and the next the quantity of beer manufactured and issued from Punjab breweries, imports, exports, and total consumption.

Part "C" (paragraphs 17 to 19) deals with **Opium** showing the consumption of excise and hulk opium, its sale by administrative divisions in the Punjab, opium production and the consumption of poppy heads (*post*). Mention is made of the policy to restrict opium production in the Punjab.

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\*The 1864-5 issue is entitled "Review of the Sudder Distillery Operations in the Punjab." The next issue available is called "Report on the Abkari Administration, Punjab, for 1869-70." The series takes its present title from the issue for 1875-76. The earlier reports were of foolscap size.

EXCISE.

Part "D" relates to Hemp Drugs. Paragraph 20 deals with the consumption of Charas, which is almost entirely imported from Central Asia. A table shows the imports of charas from the warehouse at Leh, and two others the exports to native states. Paragraph 21 deals with Bhang. Part "E" (one paragraph only) relates to Cocaine.

Part "F" deals with excise offences. The first paragraph (23) shows the number of offences (illicit stills captured, persons convicted for illicit distillation and for liquor offences, persons imprisoned and fines realised). The next paragraph shows by districts the number of illicit stills captured and the number of persons convicted for illicit distillation. Paragraph 25 shows the number of persons convicted for drunkenness in municipal areas, and the next three show by districts for three years, the quantities of smuggled opium ("hill" "malwa"), charas and cocaine seized. The final paragraphs deal with the "Local Option Act"; new measures "to secure more revenue without increasing consumption"; excise staff; and commendations. An appendix shows the issues of spirits from each Punjab distillery to other provinces and Indian states.

The Imperial Returns, which have been indexed on the following pages, are entitled:

<i>Statement No</i>	<i>Title</i>
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III ..	Shops and Licenses.
IV. ..	Consumption, Rates of Duties and Prices.
IV-A ..	Imports and Exports of Excisable articles from and to other British Indian Provinces (a) on payment of duty, and (b) in bond.
V. ..	Showing, among other things, Average Taxation per gallon or seer and Average Excise Revenue per head of population for each district and the Punjab as a whole.

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## FOREST.

### PROGRESS REPORT ON FOREST ADMINISTRATION IN THE PUNJAB

(1937-38 Issue)

*First Issue: 1869-70.*

*Size: Royal 8vo.*

*Pages: iii + 5 + 39 + lxxii.*

*Period: Year ending 31st March.*

*Price: 8 Annas.*

This report is issued by the Chief Conservator of Forests, Punjab and North-West Frontier Province. The present issue is in eight chapters with a large statistical section at the end containing twenty "Forms" (Nos 7 to 24, 26, 27) and three tables of appendices. Summary figures appear in the text, a description of which is given below.

Chapter I deals with the "Constitution of State Forests" and mentions areas, 'forest settlements,' and demarcations. The second chapter is entitled "Management of State Forests" and is in three sections, (i) Regulation (preparation and control of "working plans"), (ii) Communications and buildings (including mileages of forest roads and paths, tramlines, and working of ropeways), and (iii) Protection of forests. Protection is dealt with in five parts. The first is general protection and gives the numbers of forest offences (unauthorised grazing, other offences), cases taken to court and cases compounded. The second part is protection from **Fire** (measures, number and causes of fire) and part third with protection from Cattle (areas closed and open for grazing and browsing, numbers of animals, revenue realised). The fourth part deals with protection against Injuries from Natural Causes (rains, snowfall, frost, river action and floods, wild animals, insects, weeds, fungi). The last part is on **Erosion** and gives the areas under control, counter-erosion measures undertaken (by districts), and experiments under way.

Chapter III is on Silviculture and discusses natural and artificial Regeneration and Afforestation. The next chapter deals with Exploitation (system and agencies of exploitation, outturn and sources of forest produce). Statistics are given for each forest "division" of the areas worked under major produce, while under minor produce are mentioned resin tapping, bhabhar grass, stone quarrying. Three tables show the produce extracted (timber, firewood, minor produce) by departmental agency, by purchasers and by right-holders and free grantees, respectively. Figures are also given of stocks of produce in hand in the sales depot at the close of the year, and the numbers and kinds of animals grazed (buffaloes, cows and bullocks, sheep and goats, camels, others), a paragraph gives the accounts of resin extraction.

Chapter V is on "Financial Results" and a table shows the profit and loss account. The next chapter deals with "Research Experiments" and the succeeding chapter with "Administration" and mentions the Punjab Forest School.

The last chapter (VIII) is on general matters, such as All-India Exhibition of Arts and Industries (1937-38), the provincial Fodder

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and Grazing Committee, the Forest Advisory Committee, timber and firewood prices, supplies of sleepers to North Western Railway, resin industry, a list of wild animals shot, etc ; the last paragraph of the report contains a glossary of vernacular terms.

The statistical section is indexed below

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## HOSPITALS AND DISPENSARIES

### TRIENNIAL REPORT ON THE WORKING OF HOSPITALS AND DISPENSARIES IN THE PUNJAB, 1935, 1936 and 1937

(Issued 1939)

*First issue* 1861

*Size* Royal 8vo

*Pages* 56 + 190 + map of the Punjab

*Period* Calendar year

*Price* 12 Annas

This report is issued annually by the Inspector-General of Civil Hospitals, Punjab\*. Every third year, however, it takes the form of a triennial report (such as the present issue) in which certain statistics for the three years ending with the year under report are discussed in the text, but the annual statements refer to the latest year only.

The text of the report under review which is in 83 paragraphs, is informative and contains a wealth of statistics. A general description of the paragraphs is given below.

The first two paragraphs are introductory and the third gives a list of the more important donors in the triennium under review; a larger list is given in paragraph 29. The fourth paragraph gives the number of dispensaries and contains two tables showing numbers opened, closed, and transferred, arranged by kinds of institutions† in each of the twenty-nine districts of the Punjab. It may be noted that in the statistics of this report the hospitals are not shown separately but come under the general heading "Dispensaries". Paragraphs 5 and 6 contain three tables showing per institution the average population, square miles, and towns and villages, separately for rural and urban areas in the Punjab and in each revenue district. The next paragraph refers to the map of the Punjab appended to the report which shows the towns and villages served by the various medical institutions.

Paragraph 8 is on 'State-public' hospitals and shows the years of their "provincialization," while the next deals with "State-special" hospitals and dispensaries. Paragraphs 10 to 13 deal with rural dispensaries and contains a table showing average population per institution in the different Indian provinces. The next paragraph shows the medical personnel employed‡. Paragraphs 15 to 21 relate to

\*The earlier reports were variously known as "Dispensary and Vaccine Reports" (1861-66), or "Report of the Inspector General of Dispensaries" (1867-98), or 'Notes on Annual Statement of Dispensaries and Charitable Institutions' (1899-1930).

†Classes of institution: State-public, State-special (police, forest, canals, others), local and municipal funds, private-aided, private-non-aided, railways.

‡Indian Medical Service officers, Indian Medical Department officers, assistant surgeons, sub-assistant surgeons, honorary medical graduates and licentiates, nurses, midwives, trained dais, dispensers.

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in-patients and out-patients and give figures of patients and beds, also a list of hospitals treating the largest number of patients. Paragraph 22 shows the number of cases and deaths from principal diseases.\* The next three paragraphs deal with surgical operations and give the numbers cured, relieved, discharged and died, together with the names of medical officers who performed the largest numbers of operations

Paragraphs 26 to 29 deal with the income and expenditure of the Department. The former includes contributions from government and local and municipal bodies, fees from patients and charitable contributions and donations, while the latter includes establishment, medicines, diet, apparatus and building charges

Paragraphs 30 to 59 deal with various hospitals. The first six relate to the Mayo Hospital at Lahore and give the numbers of patients, beds and operations performed and short descriptions of the X-ray, venereal, and eye, ear, nose and throat departments, the dental clinic and the clinic laboratory. Mention is also made of the persons who were injured in the Quetta earthquake and treated in the hospital. The succeeding paragraphs deal with the Civil Hospital at Amritsar, the Ripon Hospital at Simla, the Lady Willingdon and the Lady Aitchison Hospitals at Lahore, the Lady Hasley Women's Hospital at Bhiwani, the Memorial Mission Hospital at Ludhiana, and the Punjab Dental Hospital and the de Montmorency College of Dentistry at Lahore. The early issues used to include the report of the Mayo Hospital Lahore, as a separate section, while sections were often devoted to medical education—such as the report of the "Lahore Medical School" (now a college)—and female medical training and aid

Paragraphs 60 to 65 deal with Lepers Homes at Tarn Taran, Palampur, Sabathu Ambala and Rawalpindi and other outdoor clinics. Reference is also made to the Leper Act of 1898 and the British Empire Leprosy Association

Paragraph 66 relates to buildings. Paragraphs 67 to 76 relate to female medical relief and give the numbers of women in- and out-patients, and the numbers treated in hospitals in charge of lady doctors. A table shows the number of hospitals in each district under women doctors together with the female population of the district, a list further on shows the hospitals without a lady doctor. A section deals with the medical education for women and mentions the number of women students, the scholarships awarded, and the reservation of seats for women in schools and colleges; also the number of midwives, nurse dais and trained dais who qualified during the triennium. Mention is also made of the Punjab Nurses Registration Council, the Punjab Health School, Lahore, and the Countess of Dufferin's Fund.

Paragraph 77 deals with the medical inspection of school children and mentions the scheme of 1915 of having Medical Inspectors of Schools. The next two paragraphs deal with rural reconstruction and the anti-rabic treatment in the provincial Bacteriological Laboratory at Lahore. Paragraph 80 is on Visiting Committees, and the

\*Cataract, cholera, dysentery, enteric fever, gonorrhoea, influenza, labour (normal abnormal), malaria, pneumonia, small-pox, syphilis, tuberculosis.

## HOSPITALS AND DISPENSARIES.

next summarises the general problems and needs of the Medical Department. The last two paragraphs deal with inspections and acknowledgments.

The following is a list of tables in the statistical section of the report:

<i>Statement No</i>	<i>Title.</i>
A	Number of Dispensaries
B.	Distribution of Medical Personnel in the Punjab.
C	Patients treated in State-Public, Local Fund and Private-aided and Subsidized Dispensaries
D	Diseases of In- and Out-patients treated in all classes of Hospitals and Dispensaries.
E	Surgical Operations performed in State-Public, Local Fund and Private-aided Dispensaries
F.	Income and Expenditure of State-Public, Local Fund and Private-aided Dispensaries.
G	Account of Invested Capital

### *Appendices*

- I Class and Sex of Patients treated in State-Public, Local Fund and Private-aided Dispensaries.
- II Number of Beds available, the number of Patients treated and the Daily Average Attendance in the State-Special Institutions in the Punjab
- III Number of Beds available, the number of Patients treated and the Daily Average Attendance in Jail Hospitals in the Punjab during the year 1937.
- (Unnumbered) Distribution of Medical Institution by Tahsils in the Punjab

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Amputation, operations, ST E

Ankylostomiasis, cases, deaths (by districts), ST D

\*Apparatus, cost, F (15)

Appendicitis, cases, deaths (by districts), ST. D.  
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†Assistant Surgeons, number, ST B

Attendances, daily average, C (15 to 18, 23 to 26).  
(in each hospital and dispensary by sex).

\*For each hospital and dispensary.

†Distributed according to kind of medical institution in which working

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**Enteric Fever**, cases, deaths (by districts), ST. D

**Expenditure**, F (10 to 21)

\*For each hospital and dispensary

†Distributed according to kind of medical institution in which working

‡In addition to the specific diseases included in this index, the following general diseases are also mentioned

Ascites

Blood and spleen

Bones, joints, muscles.

Breast

Circulatory system

Ductless glands

Deficiency or disorder of nutrition  
or metabolism

Digestive organs

Ear.

Eye.

Gonococcal infections

Intestines

Liver

Meningococcal infection

Mental diseases

Metazoan parasites.

Nervous system

Nose

Respiratory system

Skins and nails

Stomach

Teeth and gums

Tissues.



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\*For each hospital and dispensary.

†Distributed according to kind of medical institution in which working.

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\*For each hospital and dispensary

†Distributed according to kind of medical institution in which working.

‡In addition to the specific operations included in this index the following kinds of operations are also mentioned

Abcesses	Muscles, tendons, bursae and fasciae,
Amputations and disarticulations	Mouth and on the naso-pharynx,
Aneurysm	Nasal cavities and accessory sinuses
Arteries	Neck
Abdominal	Nerves
Bones	Obstetric
Brain and meninges	Oesophagus
Breast	Orbital
Bladder	Pancreas
Cysts	Prostates
Eye	Rectum and anus
Ear and mastoid process	Removal of foreign bodies
Face	Salivary glands
Generative organs	Skin and sub-cutaneous tissues
Intestines,	Skull
Joints,	Stomach
Kidneys and ureters	Thorax and its contents
Lymphatics	Thyroid and parathyroid glands
Lachrymal apparatus	Tumours.
Larynx, trachea and bronchi	Urethra
Liver, gall bladder and bile ducts.	Veins.

# HOSPITALS AND DISPENSARIES.

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\*For each hospital and dispensary

†Distributed according to kind of medical institution in which working

## INDIAN ELECTRICITY ACT.

### REPORT ON THE ADMINISTRATION OF THE INDIAN ELECTRICITY ACT (1910) IN THE PUNJAB (1937 Issue)

*First Issue:* 1929.

*Size.* Royal 8vo

*Pages.* 2 + 14 + v + two graphs and a map.

*Period.* Calendar year.

*Price.* 4 Annas

This report is issued by the Director of Industries and gives a general survey of the progress of all electrical undertakings in the Punjab. The text is in 17 paragraphs with five appendices (including two graphs) and a map of the Punjab which shows the towns supplied with electricity by licensed companies or the Electricity Branch of the P.W.D. There are no large statistical tables, and consequently the text has been indexed. A brief description of the report is given below.

The first paragraph gives the number of Electric Supply Undertakings in actual productive operations, and the number of Licenses granted, Appendix I gives a list of towns for which licenses have been granted and Appendix II a list of towns and villages served by the Electricity Branch of the P.W.D. The next paragraph gives the total generating capacity of the plants installed and the kilowatt of the various kinds of generating sets (hydraulic; steam; internal combustion engine). The total number of units sold is also given, and Appendix III gives a graph showing the number of units sold annually since 1931. The number of consumers' installations is stated and a list shows the distribution of the power plant among the leading industries of the province,\* and the number of factories, etc. generating electricity for their own use.

Paragraphs 3 to 7 deal with applications for grant of or amendment to licences or for sanction to extend work under various sections of the Electricity Act. Paragraph 8 deals with conditions of supply (rate of interest on consumers' security deposits, declared pressure of supply), and the next paragraph on submission of statement of accounts by electrical companies. Paragraph 10 concerns with revision of "maxima rates." The next two paragraphs deal with accidents and prosecutions, respectively, Appendix IV contains a table analysing the accidents, and Appendix V gives a graph of fatal and non fatal accidents annually since 1929. Paragraph 13 describes the Electrical Inspectors' activities (inspection, earth and meter tests, disputes and appeals, method of construction, street lighting agreements). The next paragraph mentions the Indian Electricity (Amendment) Act of 1937 and the rules made thereunder which replace those made under the 1910 Act, paragraph 16 mentions the rules for licensing of electrical contractors and the issues of certificates of competency to supervisors.

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\*General workshops, flour, rice, cotton and oil mills, wood, metal, textile, steel manufacture, ice, pumping sets, etc.

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\*Hydraulic, steam, internal combustion engine

INDIAN ELECTRICITY ACT.

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## INDIAN FACTORIES ACT.

### REPORT ON THE WORKING OF THE INDIAN FACTORIES ACT

(1937 Issue)

*First Issue:* 1901-02(?).\*

*Size.* Royal 8vo

*Period:* Calendar year.

*Pages.* 4 + 5 + 17 + xxxvi.

*Price* 6 Annas

This report is prepared in the office of the Chief Inspector of Factories and issued through the Department of Industries, Punjab.

The text is in fourteen sections with 34 paragraphs. Paragraphs 1 to 9 fall under Section I which is devoted to "Factories and their inspection" The first paragraph gives the total number of factories subject to the control of the Act, and the number and locations of the factories registered during the year Paragraph 2 gives a list of those removed from the register and paragraph 3 points to the growing congestion in certain industrial areas The next two paragraphs give the number of factories operating during the year and the number of workmen employed by them Paragraph 7 deals with the medical examination of the workmen, and the next two paragraphs relate to the inspection of factories by the Inspectors

Section II (paragraphs 10 to 12) is devoted to "Water-supply, lighting and general sanitary conditions." The first paragraph deals with the supply of water for the operatives and for the smooth running of the factory plant, paragraph 11 with lighting arrangements, and paragraph 12 with sanitary arrangements

Section III (paragraphs 13 and 14) deals briefly with "Ventilation and humidification" Section IV (paragraphs 15 to 17) is devoted to a brief discussion of "Wages and general health conditions of operatives" Paragraph 15 gives a comparative statement showing the average monthly and daily rates of wages paid to the various classes of skilled and unskilled factory workers during each of the three years, 1935 to 1937; the next paragraph is a general discussion on the supply and demand of labourers. Paragraph 17 is devoted to the health of factory workers

Sections V to VIII (paragraphs 18 to 21) are very brief and deal with "Housing," "Hours of employment," "Welfare work" and "Fencing of machinery" Section IX (paragraphs 22 to 26) deals with "Accidents" and contains tables showing

(1) Number of (a) fatal, (b) serious, and (c) minor accidents, and average number of accidents per every 100 operatives employed, annually from 1928 to 1937 (paragraph 22)

(2) Number of (a) fatal, (b) serious, and (c) minor accidents in the N. W. Railway Workshops at Moghalpura in 1936 and 1937 (paragraph 24).

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\*There was a 'Factories Act' of 1881, and there may have been reports dealing with its working, but no information is available The office of the Chief Inspector of Factories, Punjab, was constituted in 1913

## INDIAN FACTORIES ACT.

(3) As above for other factories

(4) As above, classified by type of machinery causing the accident (paragraph 25) \*

Section X (paras 27 and 28) deals with "Prosecutions" and gives a table showing the nature of offences. Section XI (para 29) deals with "Appeals" in cases where judgments given in factory cases appeared out of proportion to the offences committed. Section XII (paragraph 30) mentions "Exemptions" from the operations of certain sections of the Act, to cope with rush of work. Section XIII (paragraph 31) relates to "Fires" in factories. Section XII "General" contains brief paragraphs (32 to 34) dealing with strikes, complaints and staff.

The following eight statements are appended to the report

<i>Statement</i>	<i>Title</i>
<i>No</i>	
I	Totals of Factories
II	Enumeration of Factories
III	Average daily number of Workers employed by different Industries
IV	Average daily number of Workers employed (adults, adolescents and children).
V	Intervals, Holidays and Hours—
	A—Perennial Factories
	B—Seasonal Factories
VI	Accidents
VII	Convictions
VIII	Inspections

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[**Note.**—The Roman figures, I, II, etc., show Statement numbers and the Arabic figures denote the columns, e.g., IV (2) means second column in the fourth statement. ST=Statement.]

**Special Note.**—Except ST VII all others give information by districts

**Accidents, number of, ST VI—**

- fatal (2, 3)
- minor (6, 7)
- serious (4, 5)
- total (8, 9)

(Separately for "perennial" and "seasonal" factories.)

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\*Causes of accidents shown under the following twenty-seven major heads: 1 Machinery, 2 Transport, 3 Persons falling, 4 Falling objects, 5 Hand tools, 6 Electricity, 7 Poisons, 8 Explosions and fires, 9 Miscellaneous, 10 Collapse of buildings, 11 Machine tools, 12 Lathes, 13 Steam hammer, 14 Riveting machinery, 15 Circular saw, 16 Overhead crane, 17 Grinding machine, 18 Paper making machinery, 19 Heat stroke, 20 Adjusting machinery, 21 Heart failure following an electric shock, 22 Stepping on material in workshop yard, 23 Dropping hand tool, 24 Walking on materials in his path, 25 Dropping materials on his own feet, 26 Wood working machinery, 27 Erecting and dismantling machinery.



# INDIAN FACTORIES ACT.

## Acts—

**Indian Factories (XXV of 1934)—**

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" 5 (1), ST. I.

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for women, V-B (11 to 13).

(*Note*.—Weekly hours: perennial factories—not above 42, above 42 and not above 48, above 48, seasonal factories—not above 48, above 48 and not above 54, above 54.)

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(*Note*.—Separately for "perennial" and "seasonal" factories, sub-divided as those inspected once, twice, thrice, more than three times, total, not inspected.)

\*Factories sub-divided as those defined in section 2 (j) or come under section 5 (1) of the Factories Act.

†Factories shown separately as "Perennial" and "Seasonal" are grouped under (i) "government and local fund factories," (ii) "all other factories." Industries mentioned are breweries and distilleries; carpentry, cement, lime and potteries; chemicals; clothing; coach-building and motor car repairing; cotton ginning and bailing; cotton mills, cotton spinning and weaving, dyeing and bleaching, electric engineering; electrical generating and transforming, engineering (general), flour mills; forage presses; foundries; gas works; glass works; hosiery, ice and aerated waters; match factories; metal works, oil mills; ordinance factories; paper pulp; petroleum refineries, printing presses; railway workshops; rice mills; rubber works; saw mills; silk mills; soap works; sports works; sugar mills; tanneries; tea plantations; tobacco factories; turpentine and rosin; water pumping stations; woollen mills; woollen presses.

## INDIAN FACTORIES ACT.

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(*Note*.—Periods of interval: one hour or more; two half-hours, one half-hour.)

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[*Note*—Offences relating to employment and hours of work (women, children, general); notices, registers and returns; safety, health and sanitation including welfare; others.]

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*See also Hours of Work, Offences.*

## INDIAN TRADE UNIONS.

### REPORT ON THE WORKING OF THE INDIAN TRADE UNIONS ACT (1926) IN THE PUNJAB

(1937-38 Issue)

*First issue.* 1927-28

*Size* Royal 8vo

*Pages* 6 + iv.

*Period* Year ending 31st March.

*Price.* 9 Annas

The Indian Trade Unions Act, 1926, came into operation in the Punjab on 1st April 1928, and the report under review deals with the working of the Act in the Province. It is issued by the Director of Industries in his capacity as the Registrar, Trade Unions, Punjab. The report is very brief and contains at the end two Schedules: A—Return of Unions Registered; B—Return of Federations Registered.

There are nine paragraphs in the text. The first is general and the second gives the number of Registered Trade Unions in the Punjab, together with lists showing the Unions registered and cancelled during the year. Paragraph 3 shows the total membership of the Unions for six years, and the next, the number of Federations. Paragraph 5 gives statistics of the financial position of the Unions.

Paragraph 6 reviews the "beneficent activities" of the Unions, and the next deals with government's offer of "free audit by government auditors," together with a list showing the Unions which had availed of the offer. The next two paragraphs deal with appeals preferred against the orders of the Registrar, and the submission of annual returns—the latter including a list of Unions which had failed to submit the returns.

The following registered Unions and Federations are mentioned in the Schedule to the report:

#### Registered Unions—

All-India Railway Mechanical Workers' Federal Union, Lahore.  
All-India Railway Staff Union, Ludhiana.  
All-India Weavers' Association, Amritsar.  
Association of Accountants, N W Rly, Lahore.  
Hosiery Workmen's Association, Ludhiana.  
Indian Hosiery Machine Builders' Association, Ludhiana.  
Kangra Motor Union, Pathankot.  
Lahore Ratepayers' Association, Lahore.  
Lahore Sweepers' Union, Lahore.  
Municipal Union, Sargodha.  
New Egerton Woollen Mills Workers' Union, Dhariwal.  
North-Western Railway Accountants' Union, Lahore.  
North-Western Railway Union, Lahore.

## INDIAN TRADE UNIONS.

Punjab Goldsmiths' Union, Lahore.  
 Punjab Govt. and Jail Press Employees' Union, Lahore.  
 Punjab Govt. Printing Press Workers' Union, Lahore.  
 Punjab Miners' Labour Union, Khewra.  
 Punjab Motor Union, Amritsar  
 Punjab Process Servers' Union, Lahore.  
 Punjab Revenue Patwaris' Union, Lahore.  
 Southern Ansar League, Ludhiana.  
 Weavers' Association, Ludhiana.

### Registered Federation—

Central Labour Federation, Punjab, Lahore.  
 Punjab Board Teachers' Union, Jandiala Guru.  
 Punjab Labour Board, Lahore.  
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## INDIAN WORKMEN'S COMPENSATION.

### REPORT ON THE WORKING OF THE WORKMEN'S COMPENSATION ACT

(1937 Issue)

*First Issue:* 1924.

*Size:* Royal 8vo

*Pages.* i + 2 + xiii.

*Period:* Calendar year.

*Price* Rs 1-4-0

This report reviews the working of the Indian Workmen's Compensation Act (VIII of 1923) in the Punjab, and is issued by the Director of Industries, Punjab. It covers only two pages and is in six sections. The first is a general review, the second deals with the factories coming under the Indian Factories Act, the third relates to the mines coming under the Indian Mines Act; the fourth deals with the concerns generating, transforming or supplying electric energy, the fifth with those producing natural petroleum and natural gas, and the sixth with the number of cases of proceedings, deposits and agreements dealt with by the Commissioners appointed under the Act. Under paragraphs 2 to 5 are given the numbers of fatal accidents and permanent and temporary disablements, with the compensations paid. There is one "Schedule" and three "Returns" at the end of the report. The Schedule gives a list of factories, mines, power-houses and concerns "winning" natural petroleum and natural gas (under the operations of the Factories Act of 1934) in which accidents occurred, the total number of persons employed by each, the number of accidents or occupational diseases resulting in death or disablement, and the compensations paid. Return A shows the proceedings before the Commissioners for Workmen's Compensation, Return B the registration of agreements by the Commissioner, and Return C the number of workmen killed or disabled classified according to wage rates.

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[**Note.**—The capitals A B, etc., show the number of the "Return" and the Arabic figures within brackets denote the columns, e.g., A (2) means the second column in the first Return. Sc = the Schedule preceding the Returns.]

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\*Fatal accidents, permanent disabilities, temporary disabilities separately for electric companies, factories, mines, oil companies

INDIAN WORKMEN'S COMPENSATION.

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\*Fatal accidents, permanent disabilities, temporary disabilities separately for electric companies, factories, mines, oil companies

## INDUSTRIES.

### REPORT ON THE WORKING OF THE DEPARTMENT OF INDUSTRIES

(1937-38 Issue)

*First issue* 1920.

*Size* Royal 8vo

*Period* Year ending 31st March.

*Pages* 10 + 48 + xviii.

*Price* 4 Annas

The Department of Industries was created in October 1919, prior to which it formed a small part of the Department of Agriculture. It is primarily responsible for the collection and distribution of industrial intelligence, supervision and promotion of technical and industrial education and generally the encouragement of industries in the Punjab. The Department has grown steadily and the Director of Industries is also the Chairman of the Board of Examining Engineers, and of the Electricity Examining Board, the Secretary of the Joint Development Board, and the Stores Purchase Officer, Punjab. In addition to these he is also responsible for the administration of a number of Acts which are shown in the footnote \* The reports on four of these Acts, viz, Electricity, Factories, Trade Unions, and Workmen's Compensation, are issued separately and have been dealt with earlier in this volume. A separate report on the working of the Joint Stock Companies in the Punjab under the Indian Companies Act used to be issued but was stopped after the 1934-35 issue and the information, like that for some of the other Acts, is now contained in All-India reports issued by the Imperial Government

The report under reference is issued by the Director of Industries and gives a comprehensive account of the activities of the Department and the various institutions under it. The text is in twenty-five paragraphs, and ten appendices give statistical information. A brief description of the report is given below.

Paragraph 1 is a general review of the progress of work, and mentions among other things, the All-India Exhibition of Arts and Industries at Lahore,†, the All-India Industries Conference, and the Industrial Survey of the Province "industry wise and district-wise." The second paragraph gives the expenditure and revenue of the Department, and the next gives a general account of the development of industries (such as cotton, woollen, vegetable oils and paper mills, metal

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\*Imperial Acts 1 Companies, 2 Electricity, 3 Factories, 4 Mines; 5 Partnership, 6 Payment of Wages, 7 Societies, 8 Trade Disputes, 9 Trade Unions, 10 Workmen's Compensation Punjab Acts 1 State-Aid to Industries, 2. Steam Boilers

†An account (including financial statements) is given in a pamphlet entitled "Report on the All India Hand Weaving and Printing Competitions and Exhibition held at the All India Exhibition of Arts & Industries, Punjab, Lahore, 1937-38"

## INDUSTRIES.

working trades, chemicals and acid manufacturers), with brief treatment of each of the following cottage industries: (a) handloom-weaving, (b) carpet-weaving, (c) hosiery, (d) iron and metal ware, (e) cutlery and surgical instruments, (f) pottery, (g) ivory goods and art-wares, (h) sports goods, (i) tanning, (j) glue industry. Paragraph 4 deals with surveys and special inquiries,\* and the next with commercial, industrial and technical inquiries received by the Department regarding textiles, leather and animal products, ceramics, metals, chemicals, timber, wood works, etc. The next paragraph describes the technical advice and guidance given by the Department to various industries (weaving, hosiery, dyeing, tanning, oil milling, chemical). Paragraph 7 deals with the library attached to the office of the Director, and the next with the requests received for special concessions, e.g., reduction in, or exemption from, terminal tax, concessions in railway freight, etc. Paragraph 9 gives a list of the exhibitions and fairs in which the Department participated during the year, with a brief account of the All-India Exhibition of Arts and Industries held in Lahore from December 1937 to the end of January 1938. Paragraph 10 pertains to applications received, and grants of loans made, under the Punjab State Aid to Industries Act. The next section deals with investigations and experiments carried out in the Industrial Research Laboratory attached to the Department, to ascertain the feasibility of starting new industries from Punjab raw materials and for the improvement of the existing industries. Paragraphs 12 to 15 deal with training schools and institutes† and demonstration parties, for either sex. Paragraph 16 deals with Sericulture and 17 with the marketing of cotton handloom goods. The latter is in connection with the development of cotton handloom weaving industries financed by the Government of India and a table shows the expansion in such activities. Mention is also made of the Marketing Officer in charge of this work. The next paragraph relates to the cottage and small-scale industries financed by the Government of India and paragraph 19 reviews the work of the Government Demonstration Weaving Factory at Shahdara, and the Punjab Arts and Crafts Depot at Lahore. The remaining paragraphs relate to technical scholarships in foreign countries, the Joint Development Board, the Employment Bureau, the administration of the Indian Boilers' Act, and mining, the last including figures of output of the Attock Oil Company and the revenue realised from mining concessions-aires. The following is the list of Statements (Appendices) appended to the Report:

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\*The surveys undertaken during the year dealt with the lac and sugar industries, raw materials to replace caustic soda, fraudulent stamping of cotton piece-goods, and the practice of inducing still births among sheep for kid skins.

†The following are treated separately: Mayo School of Arts, Lahore, Government Hosiery Institute, Ludhiana, Government Tanning Institute, Jullundur, Government Institute of Dyeing and Calico Printing, Shahdara, Government Central Weaving Institute, Amritsar, Government Technical School, Lahore; Emerson Institute for the Blind, Lahore, and Government Industrial Schools and Institutes for Boys. Among training schools for girls the following are dealt with briefly: Government Zenana Industrial School, Lahore, Lady Maynard Industrial School for Women, Lahore, Margaret Irving Industrial School for Women, Ambala.



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\*Information for each of the following industries absorbent cotton, agricultural implements, brass cocks, iron sheets and buckets, excise bottles, electric fans and goods, glassware, hosiery, iron hose pipes, paints and varnishes, rubber goods, sand and emery paper, sewing machines, sheet metal, shoe white, spare parts of machinery, sports and presentation cups, sports goods surgical and veterinary instruments, tennis and badminton nets, weaving including durree-making, wool dressings

†Information for each of the following heads assistance under Punjab State Aid to Industries Act, capital outlay on industrial development, cottage and small industries in wool weaving and newar, demonstration party to introduce up-to date reeling and twisting of silk, Demonstration Weaving Factory, Shahdara, development of handloom industry, development of tanning industry in rural areas, direction, examination of industrial schools and institutes, grant in-aid to technical and industrial schools, grant in aid to Private Zenana Industrial School, Government Central Weaving Institute, Amritsar, Government Demonstration Weaving Factory, Shahdara, Government Hosiery Institute, Ludhiana, Government Industrial Schools, Government Institute of Dyeing and Calico Printing Shahdara, Govt Tanning Institute, Jullundur Government Zenana Industrial School, improvement of oil extraction industry industrial demonstrations and exhibitions at local fairs, Industrial Research Laboratory, inspection, loans under Punjab State Aid to Industries Act, Mayo School of Arts, Punjab Arts and Crafts Depot, scholarships; sericulture, superintendence, travelling weaving demonstration party in Muzaffargarh District; women's travelling demonstration-party; wool spinning and weaving demonstration party, Fazilka

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\*Particulars about each of the following Arya Samaj Orphanage Industrial School, Ferozepur; Bharat Technical Trade School, Okara; Blind School, Amritsar; Boys Industrial Home, Gujranwala, Dalchand Memorial Jain Industrial School, Ferozepore, Ganga Ram Industrial School, Lahore; Government Metal Works Institutes, Ambala and Sialkot, Government Wood-Working Institute, Jullundur, Hindu Industrial School, Kot Adu, Industrial School, Satrod Khurd; Mission Industrial School, Gurgaon, School for Electricians, Ludhiana; Victoria Diamond Jubilee Hindu Technical Institute, Lahore, and 22 Government Industrial Schools.

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- Sheet Metal**, loans granted to industry, ST. II.
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- Sikhs**, number in industrial schools, etc., VII (5).
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- Surgical Instruments**, loans granted to industry, ST. II.
- Tailoring**, boys receiving training in, VI (7).
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- Tanning and Leather Industries**, grants, expenditure, revenue, ST. I.
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## IRRIGATION.

### ADMINISTRATION REPORT OF THE IRRIGATION BRANCH OF THE PUBLIC WORKS DEPARTMENT, PUNJAB

(1936-37 Issue)

*First issue:* 1887-88.

*Size* 13" X 8".

*Pages* Part I (Report) = vi + 11 + 69

Part II (Statistical) = 51

Administrative Accounts = 79.

Sutlej Valley Section = 1 + 60

Haveli Project = 1 + 14

*Period* Year ending 31st March

*Price* Rs 23-0-0 or £1-14-6

#### PART I—REPORT

The Irrigation Report is a big document containing a wealth of statistical material and a large number of charts and diagrams. It comprises separate reviews and accounts of the various canals and administrations of the Department, listed below alphabetically.

#### CANALS

- \*1 Bari Doab Canal, Lower
- \*2 " " " Upper
- \*3 Chenab Canal, Lower
- \*4 " " " Upper
- †5 Ghaggar Canals Northern and Southern Ghaggar, and Abholi, Mangala and Kasaban minors
- \*6 Haveli Project—
  - First Circle Trimmu Headworks, Main canal; Rangpur canal
  - Second Circle Sidhna system including head works and Abdul Hakim, Fazal Shah and Koranga subsidiary canals, Shujabad branch; the Montgomery-Pakpattan link
  - Chenab Inundation Canals Balochwah; Durana Langana, Mattital, Sakandrabad, Wali Mohammad
- †7 Indus Inundation Canals Dhungana, Dhundi Kutab; Gajjan, Kadra, Manka, Massuwah, Nur Dhundi, Sahiban, Shoria.
- \*8 Jhelum Canal, Lower
- \*9 " " " Upper
- †10 Muzaffargarh Inundation Canals **Chenab** series, Ganesh, Karam, Tahrī, **Indus** series Ghuttu, Hazara, Kot Sultan, Magasson; Maggi, Puran, Suleman

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\*These canals are classed as Productive or Major Works

†These canals are classed as unproductive and also include the Panjnad Head Works

## IRRIGATION.

- †11. Shahpur Inundation Canals: Corbynwah; Eastern Station; Raniwah; Sahiwal; Western Station.
- \*12. Sirhind Canal.
- \*13. Sutlej Valley Project: Dīpalpur, Eastern, Mailsi and Pakpattan canals.
- \*14. Western Jumna Canal.

### MISCELLANEOUS

- \*15. Central Workshop Division (Amritsar).
- 16. Drainage Circle.
- 17. Irrigation Research Institute.

The opening section of the report, entitled "General," is short comprising only six paragraphs as follows. (1) Direct Receipts (from water rates, etc) and Expenditure, (2) Indirect Revenue (i.e., share of land revenue, interest on sale proceeds of waste lands, etc); (3) Area Irrigated, (4) Financial Results; (5) Dismissals and Punishments; and (6) Acknowledgments and Casualties. A general statement summarises the financial results for each of the Productive or Major Works and the Unproductive or Minor Works, as follows: I—Capital Outlay; II—Income Realised; III—Charges (on maintenance, establishment, interest on capital outlay), and IV—Profit and Loss.

The report of each Canal is drawn up in a uniform manner and this facilitates easy reference. In the beginning appear the name or names of the Superintending Engineers and then follow eight paragraphs, the subject-matter differs slightly with the individual canals; for example, the finances are sometimes shown separately under "Provincial" and "Contributions," the latter presumably from Native States for canals serving them. The paragraphs are headed as follows

1. Capital Outlay ‡
2. Extensions and Improvements ‡
3. Maintenance and Repairs ‡
4. Nature of Season, state of Demand and Supply
5. Area Irrigated
6. Financial Results based on Collections ‡
7. Brief Resume of Drainage Report, 1936
8. General

The first paragraph deals with capital outlay and shows the direct and indirect expenditure during the year with details of important works on which the expenditure was mostly incurred; the second mentions extensions and improvements to canal buildings, bridges, remodelling distributaries constructing flumes, etc—and the third refers to ordinary maintenance and repairs works.

Paragraph 4 describes the season and the demand for water. Rainfall figures, both for the kharif (summer) and rabi (winter) months are shown together with the average rainfall—in case of the Upper

\*These canals are classed as Productive or Major Works, Western Jumna Canal includes the Sirsa Branch.

†These canals are classed as unproductive.

‡For some canals sub divided (a) Provincial, (b) Contributions.

## IRRIGATION.

Bari Doab Canal a 57-year average is shown. For some canals, particularly non-perennial or inundation, the times and durations of the river floods are given and also the opening and closing dates of the canals. Paragraph 5 shows the areas irrigated in the kharif and rabi seasons, and the next the gross revenue realised less the working expenses and the net revenue in terms of percentage return on the capital invested.

During recent years attention has been devoted to natural drainage of land, particularly where the canals have crossed the paths of torrents and depressions; also with a greater demand for land for cultivation, swamps and marshes have had to be cleared while seepages from canals have also put some areas out of use. Paragraph 7 is devoted to such drainage matters, and describes briefly the action taken on the recommendations of the Drainage Committee's Report of 1936, such as erection of super-passages, level crossings, syphons, etc., on canals to allow flood water to escape.

The last paragraph deals chiefly with Water-logging, showing the work being done and experiments being conducted.

Each report of the canal has two coloured graphs showing:

1. Financial Record.
2. Working Record.

The information is given from early years, e.g., 1860-61 for the Western Jumna Canal. The financial record shows: (a) Capital Outlay at the end of each year, (b) Sum at charge; (c) Gross Revenue; and (d) Annual working expenses. The working record shows: (a) Rainfall; (b) Areas irrigated (rabi and total); (c) Mean Discharge (kharif, rabi); and (d) Duties (kharif, rabi).

In addition to the drainage work of each canal, there is a **Drainage Circle**, the report of which is in five paragraphs, as follows: (1) Introductory; (2) Dragline and Pumping Division (for the maintenance and working of mechanical excavators and pumps); (3) Discharge Division (for compiling and maintaining records of river discharges at all sites in the Province under observation); (4) Drainage Division (for drainages, river embankment works and for investigating drainage works outside canal boundaries); (5) Other activities, such as water-logging operations, rise in water-table, keeping statistics of well measurements, "Thur and Sem" surveys, reclamation of damaged areas, depletion of water-table, absorption losses in irrigation channels, flooding and erosion.

The **Irrigation Research Institute's** report describes the various laboratory tests and experiments (such as building of models to study river action, etc.) and the work of the mathematical and physics sections.

Three tables at the end of the report give for the canals the expenditure incurred (capital outlay, revenue expenditure) on anti-water-logging works, including cost of pumping stations.

IRRIGATION.**PART II.—STATISTICAL STATEMENTS**

The prosperity of the Punjab is very largely due to her canals. Taken out of the seven rivers, including the Jumna on the east and the Indus on the west, they have brought the blessing of their water to land which had been a desert before, the haunt of wild beasts and the home of the nomad cattle graziers. The financial accounts of each canal have been carefully kept in much detail, and to a layman are apt to prove confusing in the beginning. With a little study, however, they reveal the business-like way in which each canal is treated, so that one can find out not only the total expenditure up to any year on any particular canal, but also the area, outturn and value of any crop grown in the area served by that canal, the incidence of working expenses to revenue, the total water discharged, areas granted remission of charges (with reasons), and so on.

The present section gives the details of the working of each canal, but the statistics do not end here, since the productiveness or unproductiveness of each canal, like the branches of any railway system, has to be gauged against its capital charge. This is the work of the Accountant-General, whose report forms a separate section entitled "Administrative Accounts," to be discussed later.

There are six groups of tables, A to F, comprising thirteen statements. These are described separately below, statistics for each canal being given in each table.

**I-A.**—This is called "Statement of Canals" and gives miscellaneous information, such as source of supply, discharge of water, gross and culturable area commanded, sanctioned estimate and total expenditure to date, and mileages of main and feeder canals and navigable channels.

**I-B.**—Capital Account. Direct charge (works; establishment; tools and plant; suspense); Indirect charges; Total capital outlay; Simple interest (on outlay).

**I-C.**—Financial Results under main heads of revenue and working expenses. Actual receipts (water rates, share of land revenue, sale-proceeds of waste lands, occupiers' rates, navigation, plantation, water power, miscellaneous); Maintenance charges (establishment, works, repairs, plantation, tools and plant, sundries); Indirect charges; Net revenue.

**II-C**—Financial Results of Irrigation, Navigation, Embankment and Drainage Works. the results are shown for the year, and the total to the end of the year. Among other things this table shows the mileages of main canals, branches and distributaries, areas irrigated, net revenue, interest charges, and net profit or loss.

**III-C**—Demands and Realisations.

**IV-C**—Financial Results based on Assessment; shows the percentage return on capital outlay.

**I-D.**—Traffic on Canals: shows for Western Jumna and Sirhind canals the mileages open to navigation, receipts from tollage and transport service (hire of government boats), numbers of cargo and passenger boats, with tonnage and passengers carried, value of cargoes and number of rafts.



## IRRIGATION.

II-D.—Description and Quantity of Raft Traffic on the above two canals. quantity and value of timber in logs, sleepers, scantlings, bamboo and reeds and firewood

I-E—Areas irrigated by Irrigation Works: areas irrigated and assessed in rabi and in kharif, irrigated by flow and by lift, “raoni” and double-cropped areas, mean discharges in “cusecs” (cubic feet per second) at canal heads and distributary heads

Appendix to Table I-E.—Areas on which occupiers’ rates were remitted, for each canal with causes leading to remission (wrong assessment escape irrigation under tenancy rules. short supply. hail frost high wind flooding by rain or canal rats, locusts, insects and blight bad germination bad soil. high land green manure, etc.); also the areas remitted as percentages of areas irrigated.

II-E.—Incidence of Working Expenses and assessed Water Rates expressed as percentages on gross revenue, per acre assessed and per “cusec” of discharge.

III E—Quantity and Value of Crops Irrigated A list of 73 items under main heads Cereals, Millets and Pulses, Gram, Drugs and Spices, Fibres, Dyes, Oilseeds, Fruits and Vegetables, Fodder The English, vernacular and botanical names of each crop are given

Appendix to Table III E.—Outturn and Valuation per acre of the Principal Canal Crops as follows for ten crops (wheat, barley, gram, great millet, cotton desi, cotton American, sugarcane, rice, maize, spiked millet, rabi oilseeds)

- 1 Estimated normal outturn per acre
- 2 Outturn of year percentage on normal per acre
- 3 Outturn of year per acre  $\frac{(1) \times (2)}{100}$ .
- 4 Price realised by cultivator per maund
- 5 Value of (primary) produce per acre
- 6 „ „ (secondary) „ „
- 7 „ „ standing crops per acre

IV E—Comparative Statement of Irrigation and Rainfall shows, by civil districts the areas commanded and irrigated, and rainfall in inches

I-F—Occupiers’ Rates in force shows the rates per acre of flow and lift irrigation for each “class” of crop, together with reference to the Departmental notifications levying the rates A list of fodder crops is given at the end \*

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\* (1) Jowar (great millet), (2) Kangni (Italian millet), (3) Lucern or alfalfa, (4) Grass, (5) Chari, (6) Moth, (7) Guar, (8) Sawank, (9) Rawan, (10) Mfadal, (11) Turnip, (12) Senji, (13) Mama, (14) Shaftal, (15) Meihra (16) Sarson and Taramira when sown with senji and cut green for fodder, (17) Fields containing an admixture of wheal or kasani which does not appreciably enhance the value of the fodder crop, (18) Oats grown in declared paddock areas, (19) Maize grown for fodder sown in March and April, (20) Charal, a kind of pea, (21) Berseem

IRRIGATION.**ADMINISTRATIVE ACCOUNTS**

These are prepared and maintained by the Accountant-General, Punjab, who adds a short review to the report. There is one large table (Part I) entitled "General Abstract of Financial Results," and then the 15 canals (including the central workshop)\* are taken individually and the accounts presented in five parts, as follows

Part II—Capital Expenditure Account.

III—Revenue Account

IV—Interest " "

V—Indirect Charges Account

VI—Charges to date and Sanctioned Estimates

The full title of the large table is "General abstract of Financial Results showing the estimated cost of construction of productive works, the capital outlay thereon, the revenue derived therefrom, the working expenses and the interest on the debt incurred in respect of these works" There are thirty columns, and among other things they show for each canal the net gain or loss and "the prescribed rate of interest as test of productivity" A description of the other tables is given below

II—Capital Account shows "direct charge" during and to the end of the year of each major and minor head of expenditure— (Works, Establishment Tools and plant Suspense account)—and cost of construction "as now estimated"

III—Revenue Account shows receipts† less charges, and net revenue during and to the end of the year

IV—Interest Account for and to the end of year shows total outlay and interest charges on various amounts and at different rates with "balance revenue after defraying interest charges"

V.—Account of Indirect Charges capital and revenue against (a) capitalisation of abatement of land revenue, and (b) audit and account charges

VI—Statement comparing capital cost to end of the year with sanctioned estimates "charges against closed sanctions and current sanctions and total charges to date against each of these"

**Administrative Accounts of the Sutlej Valley Project.**

These are also prepared by the Accountant-General who adds a brief review Thirteen canals and weir‡ under the Project are taken separately and accounts shown according to Tables II to VI of the previous section together with abstract statements of all the tables at the end

\*Productive Upper Bari Doab, Western Jumna, Sidhna, Sirhind, Central Workshop, Chenab Inundation canals, Lower Chenab, Lower Jhelum, Upper Chenab Upper Jhelum, Lower Bari Doab Unproductive Indus Inundation canals, Shalpur Muzaffargarh Inundation canals, Ghaggar canals

†Receipt from Occupiers rates, owners rates, sales of water, supply of towns, plantations, water power, navigation, rents, fines, etc

‡The weirs are (1) Gandasinghwala Weir, (2) Sulemanki (Fazilka) Weir, (3) Islam (Jumlera) Headworks, (4) Ierozepore Canals, (5) Bikaner Canal, (6) Pakpattan Canal, (7) Eastern Sadiqa Canal, (8) Fordwah Canal, (9) Maila Canal, (10) Bahawal Canal, (11) Abbasia Canal, (12) Panjnad Canal, (13) Panjnad Headworks.

## IRRIGATION.

**Administrative Accounts of the Haveli Project**

These appear for the first time and are prepared and maintained by the Accountant-General Capital expenditure (Part II) is given of each "unit" of the Project, viz, 1. Trimmu Headworks (on the Chenab), 2. Sidhna Headworks (on the Ravi—remodelling only), 3. Left Bank Canals: (a) Main canal, (b) Sidhna and subsidiary canals, (c) Shujabad Branch, 4. Rangpur Canal, and 5. Montgomery-Pakpattan Link; also for the **Sikhanwali Quarry**—(suspense estimate). Then follow "abstract tables" of Parts II, IV, V and VI as in the previous section

**INDEX OF TABLES**

[**Note.**—The Roman figures, I, II, etc, show Statement numbers and the Arabic figures within brackets denote the columns, e.g., IV (2) means second column in the fourth Statement. ST = Statement.]

**Special Note.**—Information is given for each canal separately.

**PART II OF REPORT—"STATISTICAL"**

- Alsi** } area, quantity and value, ST III-E  
**Aniseed** } occupiers' rate per acre, ST I-F  
**Area assessed**, I-E (3, 5, 7), II-E (10)  
**Area commanded**, ST I-A, IV-E (6a)  
**Area irrigated**, II-C (19), ST I-E, IV-E (8 to 13).  
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         rabi (4).  
         total (6, 7)  
     by flow, I-E (8).  
     by lift, I-E (9).  
     double cropped, I-E (10, 11)  
     per cusec, I-E (16 to 19)  
     proposed to be irrigated annually, ST I-A, IV-E (7a).  
     raoni, I-E (9a, 9b)  
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     occupiers' rate per acre, ST I F  
**Bamboos**, quantity and value of rafts floated, ST II-D  
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- Barley** } area, quantity and value, ST III-E  
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- Boats**, number plying cargo, ST I-D  
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- Canals**, area irrigated, II-C (19), ST. I-E, IV-E (8 to 13).  
     capital outlay, II-C (7)  
     construction cost, II-C (5).  
     date of commencement of operation, II-C (6b).  
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     financial results of the year, ST II-C, IV-C.  
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**Chari** } area, quantity and value, ST III-E.

**Cheena** } occupiers' rate per acre, ST. I-F

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## JAILS

### REPORT ON THE ADMINISTRATION OF JAILS IN THE PUNJAB (1938 Issue)

*First issue* 1852

*Size* Royal 8vo

*Pages* 4 + 39 + xviii

*Period* Calendar Year

*Price* 8 Annas.

This report is issued by the Inspector-General of Prisons, Punjab. It deals with the general administration of the jails of the province, and includes the report of the Superintendent of the **Borstal Institution** at Lahore. The report is very informative as the statistics are presented in much detail, the text reviews the tables and gives information on various other matters.

The report is in twenty-six paragraphs and may be taken up in three sections. The first gives statistics and information about the prisoners. The second deals with discipline in the jails, and the third with finances and industries. The paragraphs are described in detail below.

The first paragraph is introductory and mentions changes in the directorate. The second is entitled "Accommodation" and gives the numbers of jails (central, borstal, district, sub-camp, special and female), while the next details the expenses on building operations (maintenance, repairs, new works). Paragraph 4 summarises the numbers (total, daily average) of convicted, under-trial and civil prisoners in jails and lock-ups. Paragraph 5 refers to Statement I and deals with the convicted prisoners (imprisoned, released, deported, escaped, executed, died); figures are also given of the prisoners imprisoned in default of payment of fines, the insane convicts, and the leper prisoners. The next paragraph refers to Statement II and shows the religion of the convicts as a percentage of total jail population and free population. Paragraph 7 shows the ages of convicts by sex and age-groups, and the next classifies the prisoners according to their previous occupations\*.

Paragraph 9 deals with Education (literacy), and mentions previous efforts to impart education to prisoners. Paragraph 10 refers to Statement III and shows in two tables the nature of sentences (simple, rigorous with solitary confinement or whipping) and the lengths (including sentences of transportation and of death). The next three paragraphs refer to Statements XVIII, XIX and IV and give the numbers of unconvicted prisoners, civil prisoners, and prisoners with previous conviction, respectively. Paragraph 13 deals with conduct and discipline in jails, with a sub-section on hunger strikes—(Statement VI). Mention is made of games, radio sets and newspapers in jails; the acts of indiscipline are also classified according to the nature of offence. The next three paragraphs are on "Escapes and Recap-

\*Previous occupations 1 Persons employed under Government and under other local authorities 2 Professional persons 3 In service 4 Engaged in agriculture and with animals 5 Engaged in commerce and trade 6 Engaged in mechanical arts, manufactures and engineering 7 Miscellaneous.

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tures," "Corporal Punishment" (including floggings and canings), and "Reward and Remission System" (Statement C).

Paragraphs 17 to 19 deal with Finances. The first classifies the expenditure (with figures of incidence of cost per head of prisoners) under various items (establishment, dieting, hospital, clothing, sanitation, etc). The next two deal with profits and industries (Statement XII-A); lists are given of jails which made profit exceeding Rs 5,000, and profits accruing from chief industries \* Paragraphs 20-21 deal with the jails dairies and farming operations

The next three paragraphs relate to Health. The first gives sickness and mortality figures among the prisoners together with a list showing the "mortality rate" in the various jails—(Statement XIV). The next shows admission to hospitals and deaths from principal diseases†—(Statement XV). Paragraph 24 shows the conditions on release (reference to Statement B), *i.e.*, the number of prisoners who had gained or lost weight at the time of release.

Paragraph 25 relates to the Borstal Institution and its various activities (school, scouting, industries, recreation, games), and to the Female Jails. The concluding section deals with "some outstanding features of the year," non-official visitors and acknowledgments.

A short report by the Superintendent of the Borstal Institution follows the main report. It is in seven chapters as follows: I. Charge of the institution; II. Judicial statistics, III. Offences and punishments; IV. Health of inmates, V. Industrial training; VI. School and education; VII. Visiting committees.

The following statements are appended to the main report.

Statement No	Brief Title
General Summary	Distribution of Prisoners of all Classes.
I	Number and Disposal of Convicts
II	Religion, Age, State of Education and Previous Occupation of Convicts
III	Convicts admitted who had been convicted of Offences indicating Confirmed Criminality
IV	Convicts admitted according to Nature and Length of Sentences
VI	Offences committed by Convicts and Punishments.
IX	Expenditure in Guarding and Maintaining Prisoners.
XII-A	Results of the Employment of Convicts
XIII	Net Cost of the Prisoners
XIV	Sickness and Mortality among Prisoners
XV	Admissions and Deaths among Convicts from Chief Diseases
XVII	Mortality among Convicts according to Length of Time passed in Jail
XVIII	Under Trial Prisoners
Appendix to XVIII	Prisoners in the Lock-ups
STATEMENT B.	Conditions of Prisoners Discharged
"	C Working of the Remission System

\*Bamboo products, binding, carpentry and smithy, chemical industries, cotton products, munj, oil products, paper, pottery, tents

†Abscess, Anæmia and debility, cerebro spinal fever, cholera, diarrhœa, dysentery, malaria, pneumonia, tuberculosis

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[**Note.**—The Roman figures, I, II, etc., show Statement numbers and the Arabic figures within brackets denote the columns, *e g.*, IV (2) means second column in the fourth Statement GS = General Summary which precedes Statement I App = Appendix to Statement XVII]

**Special Note:** In most tables details are given separately for males and females and particulars are given for the following groups of jails (a) Central jails and the Lahore Borstal institution; (b) District jails and Camp jails; (c) Sub-jails Statements V, VII, VIII, X, XI, XII, XVI and A are not given in the tables

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\*Punishments (separately as minor or major punishments)—Corporal; handcuffing and link fetters (simple, or to or behind a staple), penal diet, separate, cellular and solitary confinements; warnings, others



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## LAND RECORDS

### REPORT ON THE OPERATIONS OF THE DEPARTMENT OF LAND RECORDS, PUNJAB

(1937-38 Issue)

*First issue* 1905-06 \*

*Size.* Royal 8vo

*Pages* 4 + 18 + v

*Period* Year ending 30th September

*Price* 4 Annas

This Report is prepared in the office of the Director of Land Records and the statistical matter consists of just two Statements (Forms) covering four pages. The two Forms are headed as follows: Form I, Statement showing the total number of Kanungos, Patwaris and Assistant Patwaris and the Annual Expenditure on Patwari establishment, Form II, Statement showing the Working of Land Records Agency.

The text covers 18 pages in 25 paragraphs, briefly as follows. The first paragraph deals with tours and inspections of the Director and his Personal Assistant and the general activities of the Department dealing with the collection and maintenance of revenue records including field maps. The next paragraph deals with kanungo and naib tahsildari examinations, with the number of examinees and those who came out successful. Paragraphs 3 to 10 relate to **Patwaris** and the matters dealt with include candidates for patwarship, strength of the personnel, cost of establishment, vacancies, rewards, promotions, dismissals, provident fund, checking of work, and repairs of patwar-khanas. Paragraph 4 mentions among other things the tendency for the patwaris' work to increase as a result of the additions to their duties, and this is again emphasised in the final paragraph of the report.

Paragraph 11 deals with the copying and inspection of patwaris' records and shows the income from copying fees for five years. Paragraphs 12 to 16 relate to **Kanungos**, candidate kanungos and field, district, office and settlement kanungos. The last section shows the districts in which **Settlement operations** are proceeding.

Paragraph 17 deals with Records of Rights, Field Maps, etc., and their preservation from book-worms, white ants and other destructive insects. Paragraphs 18 to 22 relate to Annual Records (jamabandis), Mutations, Partitions, Note Books, and Survey Marks, respectively. Paragraph 23 mentions the publication of **Gazetteers** during the year [viz, Part B (Statistical) of all British districts and Indian States "successfully completed after the hard labour of six or seven years"]. Paragraph 24 deals with consolidation of holdings and shows the area consolidated. The final paragraph (25) is on general matters such as the responsibility of collecting and maintaining accurate and up-to-date statistical information for the supply of which the Department is the "fountain head" and which is taken from the "records in the custody of the patwari, the most hard-worked official."

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\*From 1894 to 1905 the title was "Land Records and Agriculture"

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[**Note.**—The Roman figures, I, II, show Statement numbers and the Arabic figures within brackets denote the columns, e g, II (2) means second column in the second Statement. There are two statements ("Forms") in this report and both give information by districts]

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## LAND REVENUE.

### REPORT ON THE LAND REVENUE ADMINISTRATION OF THE PUNJAB

(1936-37 Issue)

*First issue* 1862

*Size.* Royal 8vo.

*Pages.* 5 + 36 + lxxx

*Period* Year ending 30th September

*Price* 8 Annas

This report is issued from the office of the Financial Commissioners, Punjab, and deals primarily with the administration of land revenue, but some useful incidental information is also available, such as on sales and mortgages of land. Although statistics are also given in the text, the tables are very detailed and comprehensive.

The text comprises 33 paragraphs. The first gives a summary of agricultural conditions and includes a table showing the average annual prices of twelve major crops for the years 1913-14, 1935-36 and 1936-37. The next four paragraphs deal with fixed, fluctuating and "other" land revenue, including alluvion and diluvion and revenue assignments. The next two paragraphs (7 and 8) relate to coercive processes and collections of arrears of revenue, and the process-serving establishment. Paragraphs 9 and 10 are on remeasurement work, revision of records and assessment and settlement reports, while the next two deal with Settlement operations in progress or proposed. Paragraph 13 concerns with the settlement staff, the next two with surveys and boundaries, and paragraph 16 with record rooms and copying agencies. Paragraph 17 deals with miscellaneous matters such as payment of revenue by post, encroachments, the Water-logging Board, the **Board of Economic Inquiry, Punjab**. The next two deal with suits for enhancement or reduction of rents and decrees for ejectment of occupancy tenants. Paragraph 20 deals with the Punjab Descent of Jagirs Act, giving the number of jagirs notified to date.

Paragraphs 21 and 22 deal with canals under departmental management or district management, i.e. canals not under the control of the Irrigation Branch of the P W D. Paragraphs 23 to 25 relate to the working of various Acts, viz. Land Acquisition (I of 1894), Land Improvement Loans (XIX of 1883) and Agriculturists Loans (XII of 1884). These are followed by "revenue from unclassified forests and government waste land," and the working of the Land Preservation (Chos) Act, 1900—(a review is given of anti-erosion measures, and offences under the Act). The next three paragraphs deal with mortgages, transfers and sales of land, and the fourth gives a list of tribes notified during the year, as "statutory agricultural tribes" under the Alienation of Land Act. Paragraph 32 (business returns) gives the total number of revenue cases decided. The last paragraph (unnumbered) deals with revenue judicial appeals.

The report mentions 29 standard statements although all of them are not published. Statements I and II appear only quinquennially and are found in the present issue. The publication of Statements

## LAND REVENUE.

XII and XIII [Progress made in—(a) Re-measurement and attestation, (b) Re-assessment], was stopped from the 1925-26 issue. Statement XVII now replaces the old Statements XVII, XVIII and XX, Statements XXI and XXII have been abolished from 1921-2; Statement XXX, dealing with revenue judicial appeals, is also not printed with the report. Thus actually there are only twenty-three statements in the present issue. Their titles are shown below

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*II ..	Cultivating Occupancy of Land
†III ..	Owned and Mortgaged Areas [Details for (a) Member of Notified Agricultural Tribes, (b) Others, (c) Shamlat, village abadi and Government property]
†IV ..	Incidence of Revenue
†V ..	Fixed Land Revenue (including Service Commutation), Demand, Collections and Balances
VI ..	Amount of Land Revenue held under Suspension (Suspensions more than three years, during year of report and the two previous years)
†VII ..	Alterations in the Fixed Land Revenue Demand.
†VIII ..	Collections and Balances of Fluctuating and Other Land Revenue
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†X ..	Land Revenue Assignments.
†XI ..	Coercive Processes for Collection of Land Revenue (Each item shown as 'Against lambardars' and 'For lambardars')
XIV ..	Duration and Cost of Settlement Operations
†XV ..	Enhancement or Reduction of Cash Rents
†XVI ..	Ejectment Proceedings under the Tenancy Act.
†XVII ..	Disbursements, Collections and Outstandings on account of Agricultural Loans and Loans for the Improvement of Land
†XIX ..	Remission Orders and Certificates of Exemption.
†XXIII ..	Area and Income of Unclassed Forests and other Government Lands
†XXIV ..	Sales, Mortgages, Redemptions and Other Transfers [Details of the nature of right transferred are given for (a) Superior ownership or talukdari, (b) Ownership, (c) Right of occupancy.]
†XXV ..	Abstract of Mortgages, Sales and Redemptions
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†XXVIII ..	Work Done by Revenue Officers
†XXIX ..	Losses by and Gains to Agricultural Tribes by Sales and Mortgages (Shown for each tribe)

\*Issued every fifth year latest figures in the present issue

†Gives figures for each district and the Provincial total,

‡Gives Provincial total only

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## LEGAL AFFAIRS.

### **REPORT ON THE ADMINISTRATION OF LEGAL AFFAIRS OF THE GOVERNMENT OF THE PUNJAB**

**(1938 Issue)**

*First issue* 1896

*Size* Folio

*Period* Calendar year

*Pages* vi + 15

*Price* 10 Annas

The report is in two sections A, relating to the **Legal Remembrancer**, and B, relating to the **Advocate-General, Punjab**; each section is further divided into four parts. A brief description of the text is given below.

Part I of Section A deals with changes among Law Officers and Public Prosecutors and, among other things, contains a paragraph giving the names of the legal practitioners who were employed as temporary or special Public Prosecutors. Part II deals with "References for Opinion," and shows the numbers of references received from the various Government departments (30), and disposed of by the Legal Remembrancer during the year. Another table compares the receipts and despatches during the year with those of 1921, 1926, 1931, 1936 and 1937. Part III deals with 'Civil Business' and is in four subsections, as follows: (A) Original Civil Suits, (B) Revenue Suits, (C) Appeals, and (D) Execution of Decrees. [Last year a table in (C) showed the increase in litigation work quinquennially since 1906.] Four statements are appended to this section, the first two dealing with Civil suits and the other two with Revenue suits. The tables are headed as follows:

Statements I and III—Number of suits to which Government was a party (as plaintiff or defendant, or appellant or respondent)

Statements II and IV—Amount involved and the cost of litigation in suits to which Government was a party.

Part IV is on general matters and comments on the drafting of new legislative measures and on increase in office work. [Last year this section contained a table giving quinquennially the figures for the combined work of the Legislative Department and the Legal Remembrancer's Office since 1906 with a view to exhibiting the steady growth in the functions of these Departments. The columns were headed: (1) References for opinion, (2) Suits, appeals, etc., received during the year, and (3) Receipts and despatches.]

Section B, as stated, forms the Report of the Advocate-General, Punjab, who, previous to 1st of April, 1937, when the reforms were inaugurated, was known as the Government Advocate. Part I deals with changes among Law Officers, and a paragraph gives the names of members of the legal profession who were employed during the year on behalf of the Crown to do criminal work in the High Court. Part

## LEGAL AFFAIRS.

II (General Work) gives figures of receipts and despatches annually since 1934. Part III (Civil Business) contains the following two statements

Statement I—Number of Appeals and Revisions in the High Court to which Government was a party during the year

Statement II—Amount involved and the Cost of Litigation in Appeals and Revisions in the High Court to which Government was a party during the year

Part IV deals with "Criminal Business" and is mainly tabular. There are eight tables of which the first five are unnumbered. The first table shows the total amount of business conducted by the law officers and private legal practitioners engaged on behalf of the Crown in the High Court and subordinate criminal courts; the second shows the results of appeals in the High Court; the third the results in murder cases (number of persons whose sentences were confirmed or varied or who were acquitted or discharged),\* the fourth the cases for disposal in the High Court during the last seven years, and the fifth the number of persons accused and cases conducted and disposed of by the law officers and private legal practitioners† in the High Court during the year as compared with the figures of the preceding three years. The last three (numbered) statements are

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Statement VII—Cases where either with the consent of the Deputy Commissioners or after scrutiny by the Advocate General the Crown was not represented

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[Note.—The Roman figures, I, II, etc., show Statement numbers and the Arabic figures within brackets denote the columns, e.g., IV (2) means second column in the fourth Statement. ST = Statement.]

### LEGAL REMEMBRANCERS REPORT

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\*Figures shown for 1 murder cases generally under section 302, I P Code, 2 death sentences included in 1, 3 death sentences under section 396, I P Code.

†Government Advocate, Advocate General, Assistant Legal Remembrancers (Conveyancing, Legislative), Assistant to Advocate General, Public Prosecutor, High Court, Private practitioners.

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pending from previous year (11)

\*Figures are given for each of the following classes of courts

1 Collector's Court

2 Commissioner's Court

3 Financial Commissioners' Court

4 Senior Sub Judge

5 District Judge

6 High Court (Appeals)

7 High Court (Revisions including Income Tax references)

†Figures are given for each of the following classes of courts

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2 Sub Judge

3 Senior Sub-Judge

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**REPORT OF THE ADVOCATE-GENERAL, PUNJAB**

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- 2 Appeals
- 3 Revisions
- 4 Miscellaneous

†Figures are given for each of the following classes of courts

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- 2 High Court Revisions
- 3 Miscellaneous References

‡Figures are given for the following classes of courts subordinate to the High Court.

- 1 Sessions Court or Additional Sessions Court
- 2 District Magistrates' and Additional District Magistrates Courts
- 3 Other Courts
- 4 Special Magistrates' Courts

§For the following classes of cases

- 1 Transportation for life
- 2 Ten years and under
- 3 Revisions

## MENTAL HOSPITAL.

### **REPORT ON THE WORKING OF THE PUNJAB MENTAL HOSPITAL, LAHORE**

**(1937 Issue)**

*First issue* 1900\*

*Size* Royal 8vo

*Pages* 2 + 3 + xvii

*Period* Calendar year

*Price* 4 Annas

This is a short report, the text being in the form of a letter from the Inspector-General of Civil Hospitals, Punjab, to the Secretary to Government, Punjab, Medical and Local Government Departments. The report relates to the Punjab Mental Hospital, Lahore, which, until the year 1924, was known as "The Punjab Lunatic Asylum"

There are 10 paragraphs in the three pages of the text. The first relates to the "population" of the hospital, admissions, discharges, etc, the second deals with sickness and mortality, and the next three with accommodation in the hospital, the number of suicides, escapes, deaths by violence, and criminal patients

Paragraph 6 classifies the patients admitted according to their disease,† and the three succeeding paragraphs discuss the expenditure and income (including savings on account of the value of vegetables, fruits and manufactures grown or made in the institution) The last paragraph deals with acknowledgments

The following statements are appended to the report. In tables I, II, III, V and VIII figures in each column are shown for three years (1935 to 1937); in Table IV provincial totals for the previous two years are included, Tables VI and VII refer only to 1937

<i>Serial No</i>	<i>Title</i>
I	Admissions, Discharges, etc
II	Cases admitted for Observation
III	Return of Criminal Patients
IV	Religion, Sex and Residence of Patients admitted. (by districts)
V	Ages of Patients admitted
VI	Forms of Mental Disorder in the Admissions, Discharges, Recoveries and Deaths (of patients)
VII	Probable Cause of Insanity in the Patients admitted.
VIII	Cash Account of the Punjab Mental Hospital, Lahore.

\*Previously the Asylum was in Delhi and the earliest report available is for 1870

†Manic depressive insanity, schizophrenia including dementia, præcox, mania, etc

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†Causes Mental stress (moral, business or domestic worry, stress of military service) toxins (cannabis indica, alcoholic, opium, other toxins), physical (bodily illness, child-birth, climatic, epilepsy, head injuries, pregnancy), infections (en cephalitis lethargica, hereditary predisposition, influenza, old age, previous attacks syphilis)

‡By districts

## MUNICIPALITIES.

### MUNICIPAL COMMITTEES IN THE PUNJAB (1936-37 Issue)

*First Issue.* 1870-71

*Size:* Folio

*Pages* 8 + 97 + vi

*Period* Year ending 31st March

*Price* Re 1

This report is prepared on very much the same lines as that of District Boards. Up to and including the 1931 issue the report was very voluminous, but now it appears in a brief form. The text is in the form of "Proceedings of the Punjab Government in the Local Government (Committees) Department," and is in eight sections, as follows:

Section 1 deals with Municipal Development and shows the numbers of Municipalities and **Notified Area Committees**, their population, membership (official; non-official, elected, appointed) and presidents. The committees suspended or reconstituted are also mentioned, together with a description of the elections held. The second section deals with finances and discusses the revenue from rates and taxes, such as Octroi, Terminal Tax, Water Tax, Water Rate, it also shows the incidence of taxation and total expenditure per head of population.

The third section discusses the general working of the municipalities and the notified area committees according to the five revenue divisions in the Punjab. Mention is made of markets, tarmacadamising of roads, the Punjab Towns Improvement Act, town planning schemes, communal and party factions, abuse of power, water supply, encroachments on municipal lands, and 'the dilatory business methods, lack of co-ordination among departments and corruption among the subordinate establishment,' reference is also made to certain suggestions for effecting improvements in the administration of the Lahore Municipality. The section summarises the causes of failure (and in a few cases the reasons for success) of the realisation of civic responsibilities by the Punjab public.

The fourth section deals with Town Planning and comments on the haphazard growth of new abadis; the **Lahore Improvement Trust** is also mentioned. Section 5 is on Executive Officers and gives a list of towns where such officers have been appointed. The next section is on Education, and contains some remarks on female and compulsory education. The section following deals with Public Health and Sanitation and comments on the water supply and drainage schemes, the supply of milk to under-nourished school children, epidemics, etc. The last section (Conclusion) sums up the general state of these local bodies in the Punjab.

There are four large tables (Forms) in the statistical section which give information for each municipality. The first deals with the Constitution of the Committees (membership), and the second with Meet-



## MUNICIPALITIES.

ings The third is a large table showing the income and expenditure under the following departments:

1. General (including public safety and convenience, and tax and licensing).
2. Education
3. Medical.
4. Public Health (including conservancy, drainage, infant welfare, vaccinations)
5. Water Supply (including water tax).
6. Veterinary
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8. Suspense Account

The fourth table shows the quantity, and value (in terms of octroi revenue), of principal articles imported into, and taxed by; the municipalities \* The net average consumption per head of population is given for each class of commodity and another column shows the incidence of taxation per head of population

There are four appendices The first shows the financial position of the municipal committees, the second and third give respectively the constitution and the income and expenditure of the Notified Area Committees, and the fourth is an abstract of Form III relating to the income and expenditure of municipal committees

As mentioned, the tables are large but abstracts of the first three tables are given separately showing provincial totals; these may be referred to usefully Appendix III has also a statement showing the name of each municipality with a population of 50,000 and above, together with the income and expenditure

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Class 4—Articles used in the construction of building

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## MUSEUM.

### ANNUAL REPORT OF THE CENTRAL MUSEUM, LAHORE (1937-38 Issue)

*First issue:* 1872-73.

*Size:* Royal 8vo.

*Pages:* 3 + 10 + x + 4 plates.

*Period:* Year ending 31st March

*Price:* 6 Annas.

This report is issued by the Curator, Central Museum, Lahore, and has 18 paragraphs, 5 appendices and 4 full-page photographs.

The first paragraph is on Museum Development Committee and gives the number of meetings. The second deals with Visitors and shows attendances in last five years and the average daily attendance; the next paragraph deals similarly with Zenana (Ladies') Day. Paragraph 4 gives a list of "Distinguished Visitors" who came to the museum, and the next deals with the "conduct of the public"—(satisfactory throughout the year). Paragraph 6 lists the lectures (and magic lantern and cinema shows) given during the year, and mentions the Lantern Lecture Committee. A table gives three years' statistics of average attendances at lectures, number of sets of lantern slides issued or made and the numbers of borrowers. Paragraph 7 is on "Students' Day" with statistics of student visitors. Paragraph 8 deals with Exhibitions, mention being made of the Punjab Fine Arts Society, the All-India Industrial Exhibition at Lahore and the fourteenth Indian Historical Records Commission.

Paragraphs 9 to 12 deal with "Acquisitions" of antiquities, numismatics (with a table classifying the coins by metal—gold, silver, billon, copper), arts and manufactures, paintings (modern, antique) and manuscripts. Mention is also made of the Numismatists to Government, Punjab, for Hindu and Buddhist coins, and for Muhammadan coins. Paragraph 13 lists the books added to the library; and the next two mention the repairs done to the various galleries in the museum building, and "the work done in the museum." Paragraph 16 shows the income from sale of photographs, guides and surplus coins. Paragraph 17 deals with financial matters, and the last paragraph draws attention to the appendices.

The first appendix gives a statement of receipts and expenditure, and Appendix B a list of articles, other than coin, acquired for the Central Museum, together with the names of the donors. Appendix C lists the coins received from various governments and other sources and shows (1) the King's name, (2) Mint, (3) Year, and (4) 'Find place'. Appendix D shows the "Treasure Trove" coins (Muhammadan) discovered in the Punjab Province and received by the Punjab Government Numismatist for examination, and Appendix E with such coins distributed by the Numismatist together with their destination.

The four plates are as follows I—Balinese dancer; II—Chumba Rimal. Krishna playing on the flute, III.—A love scene: Mughal School; IV.—Worship of Krishna: Basohli School. As the subject-matter of the appendices changes from year to year, no index has been prepared.

## PANCHAYATS.

### **REPORT ON THE WORKING OF PANCHAYATS IN THE PUNJAB (1936-37 Issue)**

*First issue* 1925-26.

*Size.* 4to.

*Pages:* 3 + vi + 94.

*Period:* Year ending 31st March.

*Price:* 12 Annas.

This report, together with those dealing with District Boards, Municipalities, and Small Towns, represent the progress of local self-government in the Punjab. Like the other reports, it is now in a smaller form than previously, and is prepared in the office of the Secretary to the Government in the Medical and Local Government Departments. There is no text and the tables are prefaced by a copy of "Proceedings of the Punjab Government in the Local Government (Panchayats) Department". This note has five numbered paragraphs. The first deals with the number of panchayats, showing also those newly formed or abolished, and the districts with no panchayats; a sub-section relates to elections. The second paragraph discusses the income and expenditure of the panchayats.

Paragraph 3 deals with the 'Exercise of administrative functions' and mentions the powers given to Panchayats under Section 18 of the Panchayat Act to deal with matters such as encroachments on public ways, removal of nuisances, collection of manure, bathing and washing at wells, and other sanitary matters. It mentions the numbers of notices issued to people regarding sanitary matters. The next paragraph is on Judicial functions of the Panchayats and gives the numbers of criminal and civil cases tried by them. Paragraph 5 is on general matters and mentions the scheme of having Panchayat Officers in each district and Assistant Panchayat Officers in each tahsil of the Province. The comments of the Deputy Commissioners of various districts are then given which aptly sum up the working of these bodies.

There are five statements in the statistical section as follows:

1. Elections and Executive powers
2. Criminal powers.
3. Civil powers.
4. Income.
5. Expenditure.

These tables give information for each Panchayat in the Province and the columns relate to various sections of the Panchayats Act. Five abstract tables, however, precede these statements. The first gives statistics of elections (seats vacant, number of candidates; seats uncontested) and employment of executive powers (issue of notices under various sections of the Act by clauses under each section). The second similarly shows the employment of criminal powers under various sections of the Act and gives figures of cases, persons, convictions

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and average fine per person. The third table gives details of the employment of civil powers and shows the number of suits, the number decreed and the average amount or value decreed. The last two tables summarise the income and expenditure under various heads.

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## POLICE

coins and forgery of currency notes; Local and Special Laws (such as Criminal Tribes Act); **Motor Accidents.** The last section is dealt with in some detail and the accidents are variously classified: 1. according to the type of vehicle involved,\* 2. condition of the drivers of such vehicles,† 3. nature of accidents,‡ 4. casualties resulting,§ and 5. cause of accidents|| A table shows the average fine imposed for the more common offences—(driving without a license or with an expired one, exceeding speed limit, overloading, carrying passengers on the roof or on the foot-board) The increase in motor traffic and the problem of public vehicles find special mention in this section.

Part II deals with police working as “judged by judicial statistics” The first section shows the percentages of convictions to true cases, and to cases tried, and the percentage of persons convicted to persons tried A table classifies the latter in the more important classes of crimes, such as rioting, murder, grievous hurt, dacoity, robbery, burglary, theft of goods or cattle, receiving stolen property, cheating. The next section deals with the duration of cases in courts and classifies them as decided—1 at one hearing, 2 in less than 15 days, 3 in less than a month, 4 over one month The next two sections deal with cases referred to the police under Section 202 of the Criminal Procedure Code, and optional investigation

Part III is on Criminals and gives a table showing the number of proclaimed offenders and the numbers arrested or still at large Part IV deals with “Preventive Measures” and gives statistics of those called to furnish security,¶ and of forfeitures, figures are also given of persons restricted under the Habitual Offenders Act Other sections deal with Additional Police in disturbed or dangerous areas, assistance from the public, rewards distributed, and village patrolling under the Punjab Village and Small Town Patrol Act

Part V is on internal administration and shows permanent increases and decreases (together with reasons and place) of Inspectors, Sub-Inspectors, Assistant Sub-Inspectors, Head Constables and Foot Constables; a similar table deals with “special forces of additional police”. A paragraph shows the actual expenditure incurred on the police in the Punjab and statistics are also given of the number of processes served by the police Other sections deal with supervision and control, punishments, persons who were variously rewarded (including the recipients of the King's Police Medal and the Indian Police Medal), and police officers killed or died of wounds Statistics are given of resignations, desertions, recruitments, education, health deaths from major diseases, and cost on construction and repairs of buildings

\*Motor cycles, private cars, motor cabs, buses, trucks, vehicles manufactured earlier than 1932, unlicensed public vehicles

†Drivers with poor physique, unlicensed drivers, drivers with more than three convictions.

‡Collisions with other motor vehicles, horse drawn carriages, bullock carts, loose animals, cyclists, pedestrians

§Passengers or others, killed or injured.

||Causes of accidents mechanical defects, excessive speed, rashness or negligence on the part of drivers or pedestrians, drivers falling asleep while driving, defective road construction, irregular loading, other causes

¶Under following sections of the Criminal Procedure Code 110 (bad livelihood), 106 or 107 (security to keep peace), 109 (vagrancy)

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Part VI deals with the **Criminal Investigation Department** and mentions terrorists' outrages, spreading of communal discords, communists' activities, kidnapping, counterfeiting of coins, etc. A separate section deals with the **Finger Print Bureau** and shows the number of finger prints on record and the number added during the year. Part VII deals with the work of the **Railway Police** and mentions among other things ticketless travelling on the railway. Part VIII deals with the **Police Training School** at Phillaur.

There are five Statements, A to E (shown below), but of these the first is in four parts and the second in two.

<i>Statement.</i>	<i>Part.</i>	<i>Title</i>
A	I	Return of Cognizable Crime (cases).
AA	I	" " " " ( " ).
A	II	" " " " (persons)
AA	II	" " " " ( " )
B	I	" " Non-cognizable (cases)
B	II	" " " " (persons)
C	..	Property Stolen and Recovered
D	..	Strength and Cost of Police
E	..	Return showing the Equipment, Discipline and General Internal Management of the Force

In Statements A and B the crimes are divided under various "classes," as follows

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	quillity, Safety and Justice
	Class II—Serious Offences against the Person.
	Class III—Serious Offences against Person and
	Property, or against Property only.
	Class IV—Minor Offences against the Person.
	Class V—Minor Offences against Property
Statements AA	Class VI—Other offences not specified above

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[**Note.**—Letters A, B, C show statement numbers, and the Arabic figures within brackets denote the columns, e.g., A (2) means second column of the first statement.]

**Special Note.**—Statements A and B are each in two parts, I (Cases) and II (Persons). The relevant section or sections of the law are also shown against each crime.

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REPORT ON THE PUBLIC HEALTH ADMINISTRATION  
OF THE PUNJAB

(1937 Issue)

*First issue* 1867

*Size:* 4to.

*Pages.* 4 + 27 + xvi + xlv + cviii.

*Period.* Calendar year.

*Price.* 12 Annas

This report is issued from the office of the Director of Public Health, Punjab, and includes as two of its appendices, (1) A Report on Sanitary Works by the Superintending Engineer, Public Health Circle, Punjab, and (2) A Summary of the Proceedings of the **Sanitary Board, Punjab**. Until 1921 the main report was entitled "Report on the Sanitary Administration of the Punjab," but as the designation of the Sanitary Commissioner, Punjab, was changed to the Director of Public Health, Punjab, the title of the report was also changed.

The report is fairly voluminous containing many appendices and annual forms. The text is in 18 sections, as follows: I—Chief vital statistics; II—Chief diseases and causes of death, III—Comparison between main vital statistics of village and town; IV—Meteorology; V—Rural sanitation, VI—Urban sanitation; VII—**Infectious Diseases Hospitals**; VIII—Vaccination, IX—Public Health Staff; X—Maternity and child welfare, XI—Epidemiological Bureau; XII—Public Health Equipment Depot, XIII—Public Health Chemical Laboratory; XIV—Public health work at fairs, XV—Vital statistics—registration and compilation; XVI—Industrial hygiene, XVII—Inspection of schools and school children XVIII—Miscellaneous.

There are fourteen appendices as follows: I—Increase or decrease in population in individual districts, II—Birth rates per *mille* in districts, III—Male and female births and birth-rates; IV—Death-rates per *mille* in districts; V—Number of deaths in rural circles and urban areas under each main head of mortality, VI—Birth and death rates of the various provinces in India, VII—Infantile mortality; VIII—Seasonal incidence of mortality for the Province as a whole and for urban and rural areas IX—Death rate at different age periods—Deaths according to religions and classes—Deaths according to sexes, X—Particulars of glycerinated vaccine lymph supplied from the **Punjab Vaccine Institute**; XI—A—Public Health staff in rural and urban areas of the Punjab, XI—B—Maternity and child welfare centres, health visitors and trained midwives in rural and urban areas of the Punjab, XII—Public Health expenditure in towns; XIII—Death-rates from cholera, smallpox, "fever" and dysentery and diarrhoea for the five years preceding and for the period since the introduction of drainage or water-supply or both; and XIV—Proceedings of the Sanitary Board, Punjab.

Next follows an appendix (marked Appendix I again) giving the Annual Report of the Superintending Engineer, **Public Health Circle, Punjab**. The text of this appendix is in eighteen paragraphs which are, (1) Administration, (2) Executive officers; (3) Progress in engineering works in the province, (4) Borings; (5) Activities of the circle, (6) Execution of engineering works for government buildings and

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institutions, and (7) for local bodies; (8) Maintenance and operation of engineering works in connection with government buildings and institutions, etc., and (9) on behalf of local bodies; (10) Preparation of projects for government buildings and institutions, and (11) for local bodies; (12) Inspection of works of local bodies; (13) Inspection of and advising on the fire protection of government buildings and in connection with establishment and maintenance of fire brigades of local bodies; (14) Technical advice and designs for Commissioner, Rural Reconstruction in connection with rural uplift work; (15) The standard of maintenance and upkeep of public health engineering works of local bodies; (16) Urban areas; (17) Rural areas; (18) Fairs

Following the above are four statements headed as follows:—  
(A)—List of projects prepared by the Public Health Circle, Punjab, during the year; (B)—List of projects prepared by local bodies and examined for technical sanction in the Public Health Circle during the year; (C)—Statement showing waterworks in the Punjab; and (D)—Statement of Punjab drainage works

After the above Appendix there are fifteen "Annual Forms" (Statements) relating to the main Public Health Report, briefly as follows

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III—Deaths registered in the districts (rural circles) and towns during each month

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ST II—Number of persons primarily vaccinated and the number of those successfully vaccinated (Comparative statement for a number of years)

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ST. III.—Annual number of successful vaccinations and the annual ratio of deaths from Small-pox per 1,000 of population in each district during the previous five years

The report also includes 12 charts (graphs) I.—Birth and death rates in the Punjab (1867—1937); II.—Infantile mortality rate in the Punjab (1880—1937); III.—Average mortality in the Punjab from various causes (1933—1937); IV.—Fevers: death-rate (1867—1937); V.—Percentage of children under 10 years of age showing enlarged spleen (1914—1937), VI.—Small-pox cases and deaths (1929—1937), VII.—Small-pox cases and deaths (1932-33 and 1937-38), VIII.—Small-pox; weekly incidence (1937), IX.—Cholera cases and deaths (1921—37); X.—Cholera weekly incidence (1937); XI.—Plague death rate (1899—1937), XII.—Number of Vaccinations performed per 1,000 of population compared with death-rate from small-pox (1885—1937), Meteorological charts—I, II and III

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[Note.—There are four sets of tables in this Report. The first set are the statements in Appendices I to XIII, the second four statements headed A to D; the third the Annual Forms (I to XII), the fourth Returns I to III of the Vaccination Department. The figures, I, II, etc., or capitals A, B, etc., show Statement or Form numbers and the Arabic figures within brackets denote the columns, e.g., IV (2) means second column in the fourth Statement or Form. ST = Statement of the Vaccination Department. App = Appendix.]

**Special Note.**—Forms I, II, V, give the annual figures for each district, Forms VII to XII monthly figures for each district, and Forms III, IV, VI and VI-A the annual figures for the rural circles and towns

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\*For each municipality

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Not exceeding 1 month

under 1 week,

over 1 week

Under 1 year—

over 1 month and not exceeding 6 months,

over 6 months and not exceeding 12 months

1 and under 5 years

5 " " 10 "

10 " " 15 "

15 " " 20 "

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30 " " 40 "

40 " " 50 "

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†For each municipality

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\*Separately for rural and urban areas.



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\*Separately for urban and rural areas

†For each municipality

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\*Separately for urban and rural areas

## PUBLIC SERVICE COMMISSION

### **REPORT ON THE WORKING OF THE PUNJAB AND NORTH-WEST FRONTIER PROVINCE JOINT PUBLIC SERVICE COMMISSION**

**(1937-38 Issue)**

*First issue* 1937-38

*Size* Royal 8vo

*Pages* 1 + 12 + xxvi

*Period* Year ending 31st March

*Price* Rs 1-4-0

This report is the latest arrival amongst the annual reports of the Punjab Government departments, it is the first report of the Punjab Public Service Commission. There is no separate statistical section, the figures being given in the text or in the appendices of which there are five, numbered A to E. The text is in 28 paragraphs, the important ones of which are briefly described below.

The first two deal with the formation of the Commission, its personnel and functions, the next five deal with the method of work such as adoption of standard application forms, fixing of the rate of application fee and advertising of posts. Paragraph 9 refers to appendices A to C, which give details of the posts and candidates dealt with by the Commission. Paragraph 11 is on "recruitments in England" and the next on cases in which the Commission's advice was sought to fill vacancies by promotion.

Paragraph 14 deals with departmental examinations, such as for Assistant Commissioners, Extra Assistant Commissioners, Tahsildars, Naib-Tahsildars and Excise Sub-Inspectors. Paragraph 15 deals with competitive examinations, such as Punjab Civil Service (Executive and Judicial branches). The paragraph following relates to cases for disciplinary actions against government servants in which the Commission's recommendation was sought and the next two to revisions of recruitment rules and syllabuses. Paragraph 21 relates to failures of Departments to consult the Commission when filling vacancies.

Paragraph 23 deals with the maintaining of records of all candidates who appear before them, and the next with the prevention of "canvassing" by candidates. The last four paragraphs are on meetings, office accommodation, cost of the Commission, and canvassing.

The following appendices are appended to the report.

- A—List of Selection Posts handled by the Commission
- B—Brief notes on the Selections held by the Commission
- C—Statistical Data in respect of Selections conducted by the Commission.
- D—Statistical Data in respect of Examinations conducted by the Commission
- E—Review of the Punjab Civil Service (Executive Branch) Examination conducted by the Commission

## PUBLIC SERVICE COMMISSION.

These appendices relate to the specific vacancies dealt with by the Commission during the year. Since many of these posts are not of a recurring nature, no index has been prepared. Appendices C and D are in a tabular form, and are briefly drawn up as follows:

Appendix C shows in the various columns of the table the name of the post or service and "class" to which it belongs, the number of vacancies offered. The applicants are then classified, separately by religion, as the total number who applied, the number who qualified, the number called for interview, and the number recommended. The next two columns show whether the candidate recommended by the Commission was accepted by the government or not, and "if not, reasons for the same." The last is a remarks column.

Appendix D deals with examinations and classifies the candidates who appeared in the Punjab Civil Service Examination (Executive Branch) in 1937, as follows: number of vacancies; number of candidates, separately for each religion, who (1) applied, (2) were admitted (3) appeared, (4) qualified (5) were actually appointed by the government, percentage of passed to examined; centres of examination; any special features; remarks.

## RECLAMATION

### ANNUAL REPORT ON THE RECLAMATION DEPARTMENT

(1937 Issue)

*First Issue* 1926-27 \*

*Size*. Royal 8vo

*Period*. Calendar year.

*Pages* 3+ 14 + iv.

*Price* 5 Annas

This report is issued by the Reclamation Officer, Punjab, who is also the Inspector-General of Reformatory Schools † The report is in 28 paragraphs and the statistical matter is given in three short appendices The text is in four parts, which are briefly described below

Part I deals with the working of the Good Conduct Prisoners Probationary Release Act of 1926 The first paragraph gives a brief history of the Department which was created in November 1926 and made permanent from 1st April, 1938 The number of prisoners released during the year is then given together with a list, showing separately for "adults" and "borstals" how they were employed The Borstal Jail is at Lahore Another list shows the total number of "probationers" working under the Reclamation Department, including those who were released under the Punjab Borstal Act and under Section 401 of the Civil Procedure Code The wages the probationers were getting and the nature of employment available to those who were skilled, literate or illiterate, are then discussed The next paragraph details the conduct of these probationally released prisoners and in the case of those who had misbehaved, a table classes the nature of offence † The last two paragraphs deal with health (including deaths) and releases under Section 401 of the Civil Procedure Code, also the number of cases of juvenile offenders

Part II deals with Reformatory Farms at Burewala and, after mentioning the official charge, gives the populations of the Adult Farm and Borstal Farm A section is devoted to the cultivation on these farms together with a table showing the average yield of wheat, cotton and 'gur' per acre at each of the farms Paragraphs are then devoted to co-operative institutions (supply shops), demonstration farms and live-stock Two other paragraphs deal with education and religious preachings and the scout movement Among other matters mention is made of basket-ball tournaments, a bagpipe band and a "safety-first week" The remaining three paragraphs mention the savings of the probationers at these farms, their health (together with numbers of

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\*From 17th November 1926 to 31st December 1927

†As a measure of economy the departments of Criminal Tribes and Reclamation were amalgamated in 1931, and the Deputy Commissioner for Criminal Tribes also became the Reclamation Officer The functions of the two departments have, however, remained distinct

‡Escapes, misbehaviour, conviction, over stayed leave, petty theft, breach of peace

## RECLAMATION

out- and in-door patients who attended the farm dispensary), deaths and receipt and expenditure of the farms.

Part III deals with the **Delhi Reformatory School**. The first section deals with the official in charge and admissions and discharges. Conduct and discipline are then taken up, mention being made of a "court of honour" of prefects, which had been started, "with a view to inculcating a spirit of justice, freedom and self-expression in the boys;" mention is also made of "mark money" earned by the boys for good conduct and industry. The succeeding paragraph deals with education and moral and industrial training, and a table shows the number of boys in each industrial class,\* together with the profits of the workshops and gardening. Health is then discussed followed by sections on physical training and recreation (including scouting, competitions, etc.), and the "licensing system." The last two paragraphs give the receipts and expenditure of the school and the after-career of the boys.

Part IV is on general matters such as the after-career of the released probationers, and the amalgamation of the Criminal Tribes and the Reclamation Department in 1931.

The following three appendices appear at the end of the report.

A—After careers of Boys Discharged (figures for three years). This table shows the trades taught and the numbers following them after discharge (agriculture, other trades) also figures for unemployed or with friends, re-convicted of bad character; died; not known or not reported on. Details of those discharged or transferred each year are also given in footnotes.

Appendix B shows the offences for which ex-probationers, "who are reported to be leading honest lives" were convicted.

Appendix C shows the offences for which ex-probationers, "who are reported to be re-convicted or of suspicious character" were originally convicted.

The following offences are mentioned in Appendices B and C together with the relevant chapter of the Indian Penal Code.

Offences relating to or affecting or against—

- Arms Act
- Documents and trade or property marks (XVIII)
- Coins and government stamps (XII)
- Excise Act
- False evidence and public justice (XI)
- Life (XVI)
- Marriage (XX)
- Property (XVII)
- Public tranquillity (VIII)

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\*Blacksmithy, cane-work, carpentry, gardening, leather-work, tailoring

## REGISTRATION.

### **REPORT ON THE ADMINISTRATION OF THE REGISTRATION DEPARTMENT OF THE PUNJAB**

**(1935, 6, 7 Issue)\***

*First issue 1879-80.*

*Size 4 to*

*Pages 2 + 6 + xi*

*Period Calendar year*

*Price 4 Annas*

This report is issued from the office of the Director of Land Records who is also the Inspector-General of Registration, Punjab. The report is short and there are five Statements (called 'Forms') each statement gives figures for each district of the Punjab. The first Statement relates to compulsory and optional registration of Immovable Property" and Statement II similarly to registration of Movable Property". The third is a statement of income from fees and other receipts, together with the number of operations under each item. The next Statement shows the expenditure on salaries of the establishment, the percentage amount paid to the registering officers and total expenses. Statement V deals with operations other than registration, such as refusals to register, appeals against such refusals, prosecutions, etc.

In these statements mention is made of 'Books'. These are

Book I—Register of non-testamentary documents relating to immovable property

„ 2—Record of reasons for refusal to register

„ 3—Register of wills and authority to adopt

„ 4—Miscellaneous Register

Some "Indexes" to the above 'Books' are also mentioned in Statement III. These are

Index No. I—Names of persons executing and claimants of documents filed in Book I

„ No. II—Description of subject of documents etc

„ No. III—Names of persons executing will and authority to adopt

„ No. IV—Names of persons executing and claimants under documents entered in Book 4

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\*This is the title assumed by the report every third year when it reviews the work done in the triennium ending that year, otherwise it becomes a "Note", as in the 1938 issue just published. As the text in the new issue is brief the above description has not been revised. There are only nine paragraphs as follows: 1. Compulsory registration, 2. Optional registration, 3. Movable property, 4. Income and expenditure, 5. Principal operations other than refusal, 6. Central record rooms, 7. Land Alienation Act, 8. Recoveries of deficits of registration fees, 9. Personnel. The tables, which give only annual figures, are the same as in the issue indexed above.

REGISTRATION.

Three Acts are also mentioned in the tables, namely, the Indian Registration Act (XVI of 1908), the Transfer of Property Act (IV of 1882) and the Indian Succession Act (XXXIX of 1925).

There are 18 paragraphs in the text, and these are briefly described below. The first describes the general agricultural and economic conditions during the year, and agricultural prices. The second, entitled "General state of business," deals with Form I and shows for three triennia the numbers of compulsory and optional registrations and the value involved. A table gives similar information for agricultural land and town lands, separately. The numbers of registrations affecting movable property and wills are also shown. The next three paragraphs deal with sales and mortgages of immovable property, and rise in value. Paragraph 6 is on "Gifts and Leases" and this is followed by one on Land Alienation Act with a reference to "Benami" transactions. The next two paragraphs deal with the income and expenditure of the Department. Paragraph 10 is entitled "Authentication of powers of attorney" and relates to Form III; the next three give statistics of refusals, prosecutions, and documents insufficiently stamped. The remaining six paragraphs deal with central record rooms, sub-registrar, moharrirs, return of documents, inspection, and miscellaneous subjects such as, recovery of deficiency in registration fees, stamp auditors, personnel.

The titles of the statements are given below briefly.

<i>Statement</i>	<i>Subject</i>
I ..	Instruments registered and the value of property transferred by registered instruments together with the fees thereof in each registration district of the Punjab for the year. Immoveable Property (Book 1)
II .	Instruments registered and the value of property transferred by registered instruments together with the fees thereof in each registration district of the Punjab. Movable Property (Book 4) and Wills (Book 3).
III	Income from the fees on registration and all other receipts with the number of operations thereunder.
IV.	Expenditure in each registration district of the Punjab for the year
V	Principal operations other than registration in Books I, III and IV in each registration district of the Punjab for the year.

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### INDEX OF TABLES

[Note.—The Roman figures, I, II, etc., show Statement (Form) numbers and the Arabic figures within brackets denote the columns, e.g., IV (2) means second column in the fourth Statement. ST.=Statement.]

**Special Note.**—All the Statements give details by districts.



REGISTRATION.**ACTS—****Indian Registration (XVI of 1908)—**

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31, 33, 38,	III (5, 6)	.. 31. deposit at private residence; 33 power of attorney; 38 exemption from appearance.
42, 44, 45,	III (13, 14)	.. (deposit and withdrawal of will, proceedings on death of depositor)
57 (1),	III (7, 8)	(inspection of books and indexes).
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77,	V (7)	.. (suit against order of refusal).
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## SEASON AND CROPS.

### REPORT ON THE SEASON AND CROPS OF THE PUNJAB (1937-38 Issue)

*First issue* 1901-02

*Size* 4 to

*Pages* 5 + xxxi

*Period* Year ending 30th June

*Price* 4 Annas

This annual report is issued by the Director of Land Records, Punjab. It was first published in 1901-02 and deals with the 'agricultural year' which ends on 30th June. For statistics prior to 1901-02 it is necessary to refer to other provincial and central reports such as the "Punjab Administration Reports," 'Agricultural Statistics of India' (annual), "Punjab Land Administration Reports," and "Prices and Wages in India" (obsolete since 1922).

The text of the report is usually brief and the present issue is in nine paragraphs. The first two deal with the character of the seasons in the two harvests comprising the year—Kharif 1937 and Rabi 1938—and describe the weather conditions, dispersion of rainfall and the availability of canal water. Paragraph 3 contains a short comparative table of the areas sown, matured and failed in 1937-38, 1936-37 and the "last ten years' average," paragraph 4 gives the areas irrigated from the different sources, and the next deals with the outturn of principal crops, each of which is taken up separately. Paragraph 6 gives a table of harvest prices in 1937-38, 1936-37 and 1913-14 for twelve crops, and the next describes the sufficiency or otherwise of fodder and drinking water for agricultural stock and the outbreak of cattle diseases and mortality. Until 1925-26 the periodical cattle censuses also used to be published in these reports as Statement VII, but now they are published separately. Paragraph 8 deals with "agricultural deterioration" from hill torrents, water-logging, etc. and the succeeding section comments on the health and welfare of the agricultural population. (The 1935-36 issue contained a paragraph for the first time dealing with crop-cutting experiments for purposes of gauging outturns of various crops. This paragraph will be included every fifth year.)

There are six Statements, from I to VII, excepting Statement II (dealing with cultivated area) which is not published in the Punjab. A page before the statistical section gives short explanatory notes on each Statement and these should be read to understand the tables correctly.

Statement I relates to rainfall and gives the monthly figures at the headquarters of each district from 1st June to 31st May. Totals are given for June to September (the four monsoon months), for October to May, and a grand total for the year. For comparative purposes

## SEASON AND CROPS.

"averages for previous years," which are supplied by the Meteorological Department of the Government of India, are given next to the totals. Two columns also show the "number of rainy days" in the monsoon months and during the rest of the year.

The next Statement, No III, deals with acreage under the different crops classified according to cereals and pulses, oilseeds, condiments and spices, sugarcane, fibres, dyes, drugs and narcotics, fodders, orchard and garden produce, and miscellaneous food and non-food crops. Generally, each crop has two columns, one showing the acreage and the other the percentage of actual on "normal" area. The acreages sown in Kharif and Rabi are shown separately and then the total of both harvests is again classified into failed and matured areas. The last column shows the total area sown more than once in a single harvest. In this table the figures of areas are shown for each crop for each district classified as (a) irrigated, (b) unirrigated, and (c) total. The term "irrigated" in this statement as well as in Statement V includes areas irrigated by wells, canals, or watered by lift from tanks, lakes, streams or springs, "unirrigated" includes besides *barani* (rain-fed) lands those watered by floods or kept moist by rivers. At the bottom of the statement Provincial totals are given together with the figures of the previous year and the differences between the two.

Statement IV deals with Irrigation in each district, and the Provincial totals of the current as well as of the previous year are also shown. Column 4 shows the total area of crops irrigated and this is classified in columns 10 to 13 under wheat, other cereals and pulses, miscellaneous food crops and miscellaneous non food crops. These three columns show the total irrigated sown area, while columns 5 to 9 show the *net* area irrigated during the year by canals (government and private), tanks, wells and other sources. Columns 14 to 18 classify wells as those in use (masonry, non-masonry), in working order but not used, and abandoned.

Statement V shows the outturn per acre, percentage of the outturn on the normal, and the total production of important crops by districts for the irrigated and unirrigated lands. Each crop has two sections (a) outturn per acre, (b) total produce. The first is further sub divided into three columns—(i) estimated normal outturn in lbs, and percentage on the normal in (ii) the preceding year, and (iii) the year under report, the second section has four columns; (i) estimated actual weight in thousands of tons, (ii) estimated normal outturn in thousands of tons and percentage on the normal in (iii) the preceding year, and (iv) the year under report.

Statement VI shows the harvest prices in rupees and annas per maund for twelve crops in each district.

In the 1935-36 issue appeared Statement VII which is a quinquennial statement showing the average results of crop experiments in the case of twelve crops in each district for the quinquennium ending 1934-35 together with the figures for the quinquennium ending 1929-30 for the purposes of comparison.

## SEASON AND CROPS.

## INDEX OF TABLES

[Note.—The Roman figures, I, II, etc., show Statement numbers and the Arabic figures within brackets denote the columns, e.g., I (2) means the second column in the first Statement ST.=Statement Each table gives information by districts.]

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SEASON AND CROPS.

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[*Note*—Statement III (acreage) and V (outturns) sub-classify each crop into "Irrigated" and "Unirrigated"]

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## SMALL TOWNS.

### **REPORT ON THE WORKING OF SMALL TOWNS IN THE PUNJAB**

**(1936-37 Issue)**

*First Issue: 1925-26.*

*Size. 4to.*

*Pages. 4 + 3 + 25*

*Period Year ending 31st March.*

*Price 4 Annas.*

This report, like the others dealing with Local Bodies, i.e., District Boards, Municipalities and Panchayats, contains no text, a brief description being given in the "Proceedings of the Punjab Government in the Local Government (Small Towns) Department," which precede the tables.

These proceedings are in six paragraphs. The first shows the number of Small Towns at the beginning and at the close of the year, the names of towns added or removed from the list, membership and elections. The second paragraph deals with the general and special orders issued by the Small Town Committees under the various clauses of the Punjab Small Towns Act, figures are given of the number of persons prosecuted and convicted.

Paragraph 3 concerns the income of the Small Towns and gives the incidence of taxation per head of population; the next relates to expenditure. Paragraph 5 deals with supervision and control and mentions the numbers of resolutions suspended or revoked and meetings declared void, other matters relate to elections, encroachments on nazul lands, sanitation, and defalcations or embezzlements. The last paragraph describes the general state of the Small Town committees and reproduces quotations from the reports of the various Commissioners of the revenue divisions.

There are four main statements and these are preceded by three useful abstract statements. The statements are headed as follows, information being given for each Small Town individually:

<i>Statement No</i>	<i>Title</i>
I	Composition.
II	Executive powers.
III	Income
IV	Expenditure

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[Note.—The Roman figures I, II, etc., show Statement numbers, and the Arabic figures within brackets denote the columns, e.g., IV (2) means second column in the fourth Statement. ST=Statement.]

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†For yards or depots for trade—hay, straw, coal, etc



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## STAMPS

### NOTE ON THE STAMP STATEMENTS OF THE PUNJAB (1937-38 Issue)

*First issue* 1890-91

*Size*. Royal 8vo.

*Pages*. 3 + vii

*Period*. Year ending 31st March

*Price* 4 Annas

This note is issued annually from the office of the Financial Commissioners, Punjab, and deals with the income from stamps—(other than postage stamps which is a Central subject). There are only five short paragraphs covering three pages. The opening one contains a statement showing for two years the receipts under the Stamp and Court-fees Acts. From the total receipts under these two items are deducted (1) receipts under Motor Vehicles Taxation Act, on account of fees for motor tax received in court-fee stamps, and (2) receipts under Copying Agency Accounts for fees received in court-fee stamps, *i.e.*, for copies of judicial and other documents. The reasons for increase in the receipts under the Stamp Act and decrease in those under the Court-fees Act, are also stated\*.

The second paragraph gives the important fluctuations in the revenue, together with reasons, under various sub-heads, *viz.*, A—Non-Judicial (1) impressed stamps, (2) duty recovered under Indian Stamp Rules of 1925—duty on instruments stamped and impressed by the Financial Commissioners' office, (3) share transfer stamps, (4) legal practitioners' license fees, (5) miscellaneous—such as fines and penalties for unstamping or insufficiently stamping documents; B—Judicial sale of court-fee stamps.

Paragraph 3 deals with Charges, *e.g.*, discount allowed to stamp vendors, refunds, cost of stamps supplied from Central Stamp Store, Naskh. The next paragraph deals with Stamp Auditors, and the last with Prosecutions under the Stamp Act.

The following five statements are appended to the Note; excepting the first, the others give details for each district of the Province.

Statement	Title
No	
I	.. Abstract of Receipts and Charges (under the Stamp and Court-fees Acts)
II	.. Details of Receipts on account of Judicial Stamps.
III	.. Details of Receipts on account of Non-Judicial Stamps
IV	Arrangements for the Vend of Stamps Number of Vendors and Discount allowed
V.	Number of Insufficiently Stamped and Unstamped Instruments and the Amount of Duty and Penalty levied thereon by Civil Courts and Collectors

\*Increase in Stamp Act receipts due to extension of certain sections of the Transfer of Property Act to all Municipalities and Notified Areas, decrease in Court fees owing to decrease in civil litigation on account of the Punjab Debt Acts, *viz.* Regulation of Accounts (1930), Relief of Indebtedness (1934) and Debtors' Protection (1936)

STAMPS.**INDEX OF TABLES**

[**Note.**—The Roman figures, I, II, etc., show statement numbers and the Arabic figures within brackets denote the columns, *e g*, II (2) means second column in the second Statement. ST.=Statement.]

**Special Note.**—Except ST. I. all other statements show information for each district.

**Acts—**

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**Indian Stamp**, duty and penalty, ST. IV.

receipts and charges under, ST. I.\*

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**Cases**, *see Prosecutions*

**Charges**, *see Expenditure*.

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**Discount**, allowed to vendors, IV (3 to 5).

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**Foreign Bill Stamps**, receipts from, III (5).

**Hundis**, receipts from, III (3)

**Impressed Stamps**, receipts from, III (2).

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*See also Receipts*

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\*The following Sections are mentioned Section 35, ST. V (2, 3); sections 32, 37, 40, 41, ST. V (4, 5)

†Rules 8 and 11 of 1925, ST. III (4).

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## VETERINARY.

### ANNUAL REPORT OF THE CIVIL VETERINARY DEPARTMENT, PUNJAB

(1937-38 Issue)

*First issue:* 1896-97

*Size:* Royal 8vo.

*Pages:* 4 + 45 + xxxiv + 7 photos + 6 graphs + map  
of the Punjab.

*Period* Year ending 31st March

*Price* 4 Annas.

This report is issued by the Director, Veterinary Services, Punjab. The text is in six chapters, and there are twelve tables, six graphs, seven photographs and a map of the Punjab showing in different colours the centres of operations of the Department. The chapters are headed as follows. 1—General Administration; 2.—Live Stock (A—Breeding Operations; B.—Diseases), 3.—Veterinary Education, 4—Establishment; 5—Expenditure, and 6—Progress made by the Department in giving effect to the recommendations of the Royal Commission on Agriculture. The text is briefly described below.

The first chapter deals with the post of the Director, his inspection tours, and the various meetings and conferences attended by him. The first part of the second chapter (Part A) deals with breeding operations and starts with the work being done at the **Government Cattle Farm, Hissar**. A list is given of the stock on the farm (cattle, sheep, goats, donkeys, horses and mules, and camels), and the animals issued to the public during the year, including the number and value of pedigree stud bulls. Two tables give statistics of the milk-recording section for cows and goats, and short descriptions are given of the breeding sections for each class of animals, including donkeys and farm-bred Arab stallions. A paragraph is devoted to contagious diseases and contagious abortions on the farm. The hospital section shows the cases treated, castrations and post-mortem examinations performed; also outdoor work such as inoculations, warble dressings, drenchings and dippings. The three succeeding paragraphs deal with the outturn of fodder and grain, fodder reserve and pasture area.

The second section gives a list of **Grantee Cattle Farms\*** with their acreages and strengths of herds; information is also given about the **Shergarh Small Holders grants**. A section includes a table showing cows on the grantee farms, classified according to their milk yields.

The "Special Tracts" where cattle breeding is carried on are dealt with in the third section. A table shows the allotment made by the Government and District Boards under the **Haryana and Dhanni Cattle Improvement schemes** another table shows the number of stud bulls

\*The farms mentioned are Qadirabad (Hissar breed), Jahangirabad and Allahabad (Montgomery or Sahwal breeds), Bahadurnagar (Buffalo farm) and Montgomery (dairy farm)

## VETERINARY.

in the various districts of the Dhamni Tract. The other cattle breeding schemes mentioned are shown in the footnote.\*

The fourth section deals with the general breeding work in districts and details the number of equines, bovines (including buffaloes), camels, sheep and goats, together with the numbers of animals kept for stud purpose and the numbers of coverings. A paragraph is devoted to Brahmani and privately owned bulls, and the last paragraph shows the number of livestock fairs and shows.

The second part of Chapter II (Part B) deals with diseases and is in four sections. Section 1 relates to "prevention and treatment," and gives the number of Veterinary Hospitals in each of the five revenue divisions together with the average number of villages to each hospital. Statistics are also given of the total number of patients treated (including cases where medicine was supplied but the animals were not brought to the hospitals). Small paragraphs deal with outlying dispensaries, buildings of veterinary hospitals, the Simla Veterinary Hospital, and the treatment of diseases in villages. Section 2 deals with the incidence of diseases as reported by village patwaris. The diseases are taken by kind of animal (equines, bovines and others) and paragraphs are devoted to such diseases as glanders, surra, rinderpest, foot and mouth, hæmorrhagic septicæmia, black quarter, etc†. The next two sections deal with Inoculations and Castrations.

Chapter III is on Veterinary Education and gives particulars about the Punjab Veterinary College, Lahore—(staff, students, examinations). Three small paragraphs are devoted to the Hospital Section, the first shows the numbers of in-patients and out-patients,—(including the Dog Ward), the second deals with the Pathology Section and shows the amount and nature of the routine clinical work undertaken in this section, the third deals with the Parasitological Section, and shows the number of cases brought for diagnosis and the parasitic diseases found in animals, including dogs, goats and fowls. Short paragraphs are also given to the income and expenditure of the College and the scope for employment of students passing out. The next section mentions some of the short courses at the College and at Hissar Farm (Refresher; Syce, Dressers', Farriers'). Section 3 is on Research at the College, and Section 4 on Demonstration and Propaganda work. The final paragraph lists the articles and bulletins of the Department published during the year.

Chapter IV shows the number of gazetted officers‡ in the various veterinary "divisions" and also the number of non-gazetted officers§.

\*1 Montgomery Village Cattle Breeding Scheme.

2 Dajal Village Cattle Breeding Scheme (D G Khan District).

3 Special Cattle Breeding Schemes in Dhundi and Bruceabad Estates (D G Khan District).

4 Malwa Cattle Breeding Scheme (Ferozepore District).

5 Jalalabad Montgomery Cattle Breeding Scheme (Ferozepore District).

6 Kangra District Cattle Breeding Scheme.

7 Lahore District Scheme of Improvement of Cattle.

†Other diseases mentioned are Anthrax, Giltar, Liver fluke, Mange, Piroplasmosis, Pleuro-pneumonia, Sheep-pox, Spirochetosis, Strongylosis.

‡Superintendent, Assistant Superintendents, Deputy-Superintendents.

§Veterinary Inspectors, Assistant Surgeons, Veterinary Assistants.

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Chapter V gives the income and expenditure of the Department. The next chapter is headed "Progress made in giving effect to the recommendations of the Royal Commission on Agriculture." This is a biennial subject and details the progress made in 1936 and 1937 against the various sections of the Report.\* A short sub-section in this chapter deals with Rural Reconstruction. The final section of the book gives general remarks, mention being made of the All-India Cattle Show at Delhi (February 1938), the All-India Exhibition of Arts and Industries at Lahore (December 1937—January 1938), the response to the appeal of His Excellency the Viceroy, the tattooing of animals to prevent cattle thieving, trade in unborn lambs, milk to school children, etc. The final paragraphs deal with acknowledgments.

There are twelve Statements and six Graphs in the statistical section, as follows.

<i>Statement No</i>	<i>Title</i>
I.	Main Results of the Punjab Veterinary College, Lahore.
II	Number of Deaths from Contagious Diseases and other Causes amongst Animals (As reported by patwaris).
III	Results of Preventive Inoculations.
IV.	Number of Animals Treated and Castrated by Veterinary Assistants on Tour.
V	Number of Animals Treated and Castrated at Veterinary Hospitals and Dispensaries
VII.	Return of Stud Bulls and Stud Buffalo Bulls.
VIII	Number of Horse and Donkey Stallions under Local Bodies, their Services and Produce
IX.	Abstract of Particulars regarding Cattle Fairs and Shows held
X	Cost of the Civil Veterinary Department
XI	Expenditure by Local Bodies (On Veterinary work.)
XIII	Breeding Results at the Government Cattle Farm, Hissar.
XIV	Main Results of the Working of the Hissar Cattle Farm

**Graphs.**

- 1 Statistics of Staff and Veterinary Hospitals, 1913-14 to 1937-38
- 2 Castrations of Inferior Stock in Punjab Villages, 1913-14 to 1937-38

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<i>*Paras of Agricultural Commission Report</i>	<i>Subject.</i>
158	Animal husbandry
159	Goat breeding
188-9	Dual purpose animals
199-201	Urban milk and ghee supply
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5. Patients treated by Veterinary Staff, 1913-14 to 1937-38.
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# CENSUS REPORTS

## PUNJAB CENSUS

### THE PUNJAB CENSUS, 1931

Size: Quarto

Pages. Vol. 1 vii+374+vni (index).

Vol 2 331.

Period 1921-1931.

Price. Vol 1: Rs 4-12-0

Vol 2 Rs 6

The census of 1931 was the eighth taken in the Punjab. The following table gives some particulars of the several censuses, the last column shows the volume numbers for the Punjab in the All-India series of census volumes.

Year.	Date of enumeration	Superintendent of census	Territory	Volume No.
1855	1st January.	Sir Donald McLeod	British Territory only; including the present Punjab and the N W. F Province but omitting Delhi, Hissar, Rohtak, Gurgaon and part of Karnal	..
1868	10th January	Mr A Roberts	British Territory only; including the present N W F Province, Punjab and Delhi	..
1881	17th February	Mr D J. Ibbetson	British Territory and the Punjab States, the former including the same territory as in 1868	..
1891	26th February	Mr E D MacLagan	The same territory as in 1881	..
1901	1st March.	Mr H A. Rose	The same territory as in 1891 but with separate statistics for (1) the Punjab including Delhi, and (2) the N W F P	XIXXXI
1911	10th March.	Pt Hari Kishan Kaul.	The Punjab including Delhi and the Punjab States	XVII
1921	18th March.	Mr L. Middleton	The present Punjab and Punjab States with separate statistics for Delhi	XIV
1931	26th February	K S Khan Ahmad Hassan Khan	The present Punjab and Punjab States	XV
				XVII

# PUNJAB CENSUS

The 1931 census report is in two parts. 1 "Report," 2. "Tables." Although the main statistics appear in the second volume, the first also gives subsidiary tables. This is because the second volume contains 19 "Imperial Tables" which are uniform in the All-India census series. Two "Provincial Tables" are, however, included at the end of the second volume, and these give particulars of area, population, religion and literacy for each tahsil of the Punjab.

The following table shows the main heads of subjects of the two volumes

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The census volumes are a mine of information as they deal with almost every aspect of the life in the Punjab. Perhaps reference is made to them more than to any other government publication since they deal with so many matters of vital interest to the province. The two volumes are indexed below separately, the index of the first volume is a reproduction, in an abridged form, of the index which appears in that volume.

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### 1931 PUNJAB CENSUS

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[*Note*.—For the Punjab, each district or state Born in (a) the Province; (b) beyond the Province, (c) Asia; (d) Europe, (e) Africa, (f) America; (g) Australasia ]

*Part C.—for Canal Colonies.*

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Part C. Details of Cities and Selected Towns.

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**Market Gardeners**, number, X (89-94).

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## CATTLE CENSUS.

### **CATTLE CENSUS FOR 1935**

This report is issued quinquennially and shows the results of the cattle censuses taken in the British Punjab. The previous reports in this series were entitled "Punjab Cattle Census" but the latest (1935) issue is entitled "Punjab Live-stock Census."

The cattle censuses were published originally in the Revenue Administration Reports of the Punjab, the first report to give these figures being that of 1888. The method of collecting the figures was, however, very faulty at that time. When the quadrennial records (Jamabandis) of a village were prepared, a census of cattle was also made; the figures were thus collected every year in one-fourth of the villages in the Province and were, therefore, one to three years out of date when published. The first general census of all cattle in the Punjab was held in the first week of February, 1899, under orders of the Government of India; the results are to be found in the Land Revenue Administration Report of the Punjab for 1898-9.

The 1899 census was followed by censuses in 1904, 1909, 1914, 1920, 1923, 1928 and 1935. The results of the censuses held from 1904 through 1923 are to be found in the Season and Crops Reports in which each fresh census figures were published annually until 1925-6 when this practice was discontinued, since then a separate report has been issued for each census. In 1914 also a separate report had been issued and the results of the census fully discussed in a note written by the then Director of Agriculture and Industries, but no such report was issued for the 1920 census, while in the case of the 1923 census, although a separate report was published, it was without the detailed Statements, the latter having been given in the Season and Crops Report of that year.

The six-year gap between the censuses of 1914 and 1920 was due to the dislocations caused by the war and, in fact, the circumstances even of the 1920 census were exceptional. A series of bad harvests combined with large exports of live-stock for military purposes had led to considerable reduction in numbers and it was thought desirable to repeat the census as soon as conditions became normal. Accordingly, a fresh census was taken in 1923. Again, there was a lapse of only two years between the 1928 and 1930 censuses. The former was the ordinary quinquennial census of the Province and the next in the ordinary course should have been held in 1933, but, acting on the recommendation of the Royal Commission on Agriculture,\* the Government of India decided that the first all-India cattle census should be held simultaneously all over the country in January 1930; previously the enumerations used to take place in the Punjab in the month of February when the patwaris (village accountants) have most leisure. The census is carried out by these men under the supervision of the superior revenue staff, except in towns or cantonments for which the Deputy

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\**I*de Report, page 624, recommendation 24

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Commissioners make suitable arrangements with the municipal or cantonment authorities concerned. The enumerations and checkings are done as far as possible in the evening and early morning when the cattle are generally in, or near, their owners' houses. The instructions given are that all live-stock, carts, etc., including those in towns or cantonments, to whatever owners or traets they belong, which happen to be present on the day of enumeration, should be included.

The comparison of the various classes of cattle has been rendered somewhat difficult by the changes made from time to time in "column headings" and in the definition of "young stock." In the earliest Administration Reports giving the censuses of cattle the numbers of (i) cows and bullocks, (ii) male and female buffaloes, (iii) mules and donkeys, and (iv) sheep and goats, were grouped together in single columns, so that it is not possible to know the numbers separately. In 1893-4 separate columns were given for the first time for (i) bulls and bullocks, (ii) cows, (iii) male buffaloes, (iv) female buffaloes, (v) sheep, and (vi) goats. From 1899 onward the numbers of donkeys and mules have also been given separately.

The other main difficulty, as stated already, is that of changes made in the definition of "young stock." Up to and including the 1914 census, "young stock" was defined as "cattle less than two years old." At the 1920 census the order was that oxen (which for the purposes of these censuses excludes buffaloes but includes all other domesticated bovine), and buffaloes not old enough for work or to produce young should be treated as "young stock." In the 1923, 1928 and 1930 censuses, oxen and buffaloes under three years of age were to be treated as young stock. In the 1935 census they have been further classed as (a) under one year, and (b) over one and under three years.

Since the 1923 census each class of bovine as is shown (a) born in the district, or (b) others (*i.e.*, presumably imported); also, bulls are shown by breeds, *e.g.*, Dajal, Dham, Hissar and Montgomery, and separate columns are given for horses, mares, colts and fillies, which previously appeared under the head "horses and mares." In the 1928 and 1930 censuses bullocks and male buffaloes are classified into "fit for ploughing" and "others," and cows and cow-buffaloes into "fit for giving milk" and "others." In the census of 1935, bulls, bullocks, and male-buffaloes have been classified into "breeding bulls," "working bullocks," and "bulls and bullocks not in use for breeding or work," the cows and cow-buffaloes have been classified in the manner of 1928 and 1930, and also into (a) breeding, (b) used for work, and (c) not in use for work or breeding purposes.

Figures of ploughs, carts and boats have also been given in all the censuses. In the 1935 census ploughs have been classified into "wooden" and "iron (all kinds)," numbers have also been given for the first time of sugarcane crushers (wooden and iron), tractors, oil-engines with pumps, and electric pumps for tube-wells.



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## WAGES SURVEY.

### **REPORT ON THE SIXTH REGULAR WAGES SURVEY OF THE PUNJAB**

**(1937 Issue)**

*First issue* 1912

*Size* 9.6" × 6.3".

*Pages.* 10 + xxxi

*Period.* Quinquennium ending 31st December

*Price.* 4 Annas

This is a quinquennial report issued by the Director of Land Records, the previous reports relate to the years 1912, 1917, 1922, 1927 and 1932. The present survey was held in December 1937 and the report published in 1939.

The Note is in ten paragraphs. The first explains the object of these periodical wage censuses, and deals with Urban Wages. It gives two short tables. the first shows the percentage increase or decrease in wages since the previous (1932) census in the towns of Lahore, Amritsar and Multan for (a) workers in brass, copper and bell-metal, (b) carpenters, (c) masons and builders, and (d) unskilled labourers; the second compares the rates paid in urban and rural areas to carpenters, masons and unskilled labourers in the districts of Lahore, Amritsar and Multan.

The second paragraph deals with Rural Wages, and gives the total number of villages examined. A table shows for each district of the Punjab the percentage increase or decrease in wages since 1932 for (a) unskilled labourers, (b) carpenters, (c) blacksmiths, (d) masons, and (e) ploughmen. (The rates of wages were those paid in the open market to ordinary healthy men between 20 and 45 years of age and no account was taken of the wages paid to old men, women, children, or to men who were either weak or specially strong.)

The third paragraph deals with wages of Unskilled Labourers and gives the numbers of villages returning purely cash wages, or cash wages with supplements, or purely grain wages. The most common rates in the Province are also mentioned.

The fourth paragraph deals with Rates paid to Coolies at selected railway stations in rural tracts with a view to comparing them with the rates of unskilled labourers. A table shows for seventeen railway stations on the North-Western, the Great Indian Peninsula, and the Bombay, Baroda and Central India Railways, the average daily earnings paid in 1932 and 1937 to the coolies when employed by the day, by the job and by the month. The last column compares the wages paid to unskilled labourers in tahsils with those at the stations.

Paragraphs 5 and 6 deal with the wages of Village Artisans (carpenters, blacksmiths and masons) and Ploughmen, respectively.

## WAGES SURVEY.

Paragraph 7 is on "Supplements" such as meals, gur, tobacco, parched grain, clothes, shoes, bedding, fodder, etc., paid in addition to cash wages. The value of the meals given as part of the wages to unskilled labourers and ploughmen are also shown.

Paragraph 8 relates to "any abnormal features" in the figures, and deals generally with the fall in prices. A table gives the retail prices of wheat, jowar, bajra and gram, quinquennially since 1918—22. A short table also gives annually from 1933 to 1937 the number of factories and the average daily number of male adult operatives employed in them. Paragraphs 9 and 10 are short; they deal with "United Provinces Rates," and general matters, respectively.

The following three Statements are appended to the report.

<i>Statement No</i>	<i>Title.</i>
A	.. Rates of daily wages in annas and pies and of monthly wages in rupees and annas, most commonly paid to certain classes of labour in 1932 and 1937 in the towns named (Lahore, Amritsar and Multan), together with particulars of population of the numerical strength of the respective classes of employments.
B	.. Rural wage rates in the Punjab as determined by enquiry in December 1937, compared with the rates returned in 1932
C	.. Rates of daily wage in annas and pies (including money value of any supplements in kind), most commonly paid to agricultural labourers in December 1937 in selected villages in the various districts of the Punjab, and the number of the villages in which respectively such rates of wages are paid.

The first table gives the population of the Lahore, Amritsar and Multan towns and under each the numerical strength of various classes of skilled and unskilled labourers, including factory labour, and the wages per day and per month. Rural wages in adjacent areas are also shown in some cases for comparative purposes.

The second table shows for each district the daily wages paid in 1932 and 1937 to carpenters, blacksmiths, masons and unskilled labourers, and the monthly wages of ploughmen. In the case of the unskilled labourers cash and grain wages are also shown, the former being sub-divided into (i) range of typical rates, and (ii) most common rates, the latter sub-divided into (a) grain value in annas, and (b) weight in seers.

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## PRICES

### APPENDIX I

#### STATEMENT SHOWING THE RETAIL PRICES CURRENT OF FOOD GRAINS, GUR AND COTTON AND THE WHOLESALE AND RETAIL PRICES OF SALT IN EACH DISTRICT OF THE PUNJAB DURING THE FORTNIGHT

This report is prepared fortnightly in the office of the Director of Land Records and published in the Punjab Government Gazette. There are two main tables in each issue, and no text

The first table is headed "Statement showing the retail prices current of food-grains, gur and cotton and the wholesale and retail prices of salt in each district of the Punjab during the fortnight ending—". Fourteen commodities are shown and the prices are given in terms of quantity ("by the ordinary seer of 80 tolas") per rupee. Under each district is shown the latest price, the price in the previous fortnight and the price in the corresponding fortnight of the previous year. The items include food grains, firewood, salt, gur and cotton; of salt both retail and wholesale prices are given, while cotton is shown as unginned and cleaned separately for desi cotton and for American cotton

The next table (Form C) is entitled "Statement showing prices current (wholesale) of food-grains, etc., in the marts of certain selected stations in the Punjab during the fortnight ending—". The prices are shown in rupees, annas and pies per maund ("of 82 2/7 lbs. or 40 seers of 80 tolas each"). Statistics are given for forty items in twenty-four stations (marts) in the Punjab

A short statement at the end of the report shows for each of the five revenue divisions, the chief current variations in the prices of commodities as compared with the previous year and the previous fortnight; the average price for the province is also shown under each commodity mentioned

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\*Price in quantity per rupee

†1st and 2nd rejection.

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\*Price in quantity per rupee.

**APPENDIX II**  
**PUNJAB ADMINISTRATION REPORT, 1934-35**  
**(Obsolete)**

*Size:* Royal 8vo.

*Pages:* 110+4 pp Index.

*Period.* Various Departmental years

*Price:* 8 Annas.

This report in a way was the annual progress report of the Punjab as it reviewed the political and economic conditions of the Province each year and also gave a summary of the work done by each government department. It was the oldest annual publication, the first issue appearing in 1856-7, while information prior to this year up to 1849, when the Punjab was annexed by the British, can be found in the Records of the Government of India\*. With the inauguration of the Reforms on the 1st April 1937, it is stated that this report will no longer be issued; consequently the last issue, although slightly out of date, is included in this Guide as it helps to give a summary of the governmental activities in its various departments.

In the report under review there is no separate statistical section, the figures being given in their relevant sections and mostly in running style. The report is in two parts: I. General Summary; II. Department Chapters.

**PART I**—This consists of five numbered paragraphs. The first deals with the Government, showing changes (if any) in the office of the Governor of the Province and the composition and distribution of the portfolios among the "members and ministers" (under the old constitution) of the Governor's Executive Council. Paragraphs 2 to 5 describe briefly the political situation, economic conditions and the state of provincial finance during the year under review.

**PART II**—This consists of the following seven chapters comprising 46 sections divided into 172 paragraphs—

- I Physical and Political Geography
- II Administration of the Land
- III Protection
- IV Production and Distribution
- V Revenue and Finance
- VI. Public Health and Medical Relief
- VII Instruction

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\*The material for 1849, 1850, 1851-52, 1854-55 and 1855-56 is available in "Selections from the Records of the Government of India" in the volumes entitled "Report on the Administration of the Punjab". Information for 1853-54 will be found in the "Selections from the Records of the Government of India (Foreign Department)" in the volume "Punjab Road Report". From 1856-67 to 1866-67 the volumes were printed in the Punjab and are entitled "General Report on the Administration of the Punjab Territories," and from 1867-68 to 1920-21 "Report on the Administration of the Punjab and its Dependencies". From 1921-22 onwards the title is "Punjab Administration Report". Normally these reports dealt with the working of the year under review but every ten years the report covered a much larger ground, historical and descriptive matter being included which needed revision only every ten years. The decennial report was in two parts, the annual section and decennial section. In 1921-22, however, the decennial portion was issued as a separate volume entitled "The Land of the Five Rivers". There was no separate issue in 1931-32.

## ADMINISTRATION.

THE FIRST CHAPTER is in nine sections. Sections 1 to 8 are not commented upon. In the first five the reader is referred to specific chapters of "The Land of the Five Rivers;" in section 6 reference is made to Vol. 1 of the Punjab Census Report of 1931; section 7 "Changes in Administration" has nothing to record, and section 8 "Relations with Tributary States and Frontier Affairs" was last dealt with in the report for 1924-25, being a decennial subject. Section 9 "Condition of the People" gives a very short note on general health and harvest conditions.

CHAPTER II (paragraphs 3 to 26) is a review of the following departmental reports: (i) Land Revenue Administration; (ii) Land Records; (iii) Punjab Colonies, (iv) Court of Wards, and (v) Survey of India—(this is an Imperial report). The Sections are headed: (10) Realization of Land Revenue; (11) Surveys; (12) Land Records; (13) Waste Lands and Government Estates; and (14) Ward's Estates.

CHAPTER III (paragraphs 27 to 75) is a survey of the following departmental reports: (i) Police; (ii) Criminal Tribes; (iii) Reclamation; (iv) Chemical Examiner; (v) Criminal Justice; (vi) Jails; (vii) Civil Justice; (viii) Registration; (ix) District Boards; (x) Panchayats; (xi) Municipalities; and (xii) Small Towns. The Sections are: (15) Legislative Council; (16) Police; (17) Chemical Examiner's Department; (18) Criminal Justice; (19) Prisons; (20) Civil Justice; (21) Registration; (22) Local Boards Administration; and (23) Municipal Administration.

CHAPTER IV (paragraphs 76 to 141) reviews the reports of the departments of Agriculture, Civil Veterinary, Co-operative Societies, Forests, Industries, and Public Works—(a) Building and Roads, (b) Electricity, and (c) Irrigation. Some Government of India publications are also referred to.\* The following are the Sections: (24) Agriculture; (25) Veterinary Relief; (26) Co-operation; (27) Fisheries; (28) Seasons and Crops; (29) Horticulture (Lawrence Gardens); (30) Forests, (31) Mines and Quarries; (32) Department of Industries; (33) Joint Stock Companies; (34) Factories, (35) Building and Roads, (36) Hydro-Electric Branch, and (37) Irrigation. The last section contains tables showing the major productive and unproductive irrigation works, areas irrigated, areas of the principal crops irrigated, remissions of land revenue (on account of short supply, damage by hail, flooding, bad soil, bad germination and damage by locusts, blights, etc), receipts from irrigation, working expenses, expenditure per acre, and net revenue.

CHAPTER V (paragraphs 142 to 157) is a review of the budget speeches in the Punjab Legislative Council (Vol XXVI), the Provincial

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\*The Government of India reports mentioned are—

- 1 Statistical Abstract for British India
- 2 Agricultural Statistics of India
- 3 Estimate of Area and Yield of certain Principal Crops in India
- 4 Report of the Chief Inspector of Mines in India.
- 5 Inland Trade (Rail and River-borne) of India
- 6 Administrative Report on Railways in India
- 7 Variations in Indian Price Levels

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Budget volume and the Appropriation Accounts volume; also the reports of Excise and Stamp departments. The Sections are—(38) Revenue and Expenditure; (39) Opium and Excise Revenue; (40) Stamp Revenue; and (4) Assessed Taxes.

The first section includes a descriptive paragraph on the general classification of accounts and a statement entitled "Pro forma accounts showing the financial position of the Punjab Government under the various sections of accounts."

CHAPTER VI. (paragraphs 158 to 165) is a survey of the following reports: (i) Census (reference is made to Chapter VI, section 42 of the Administration Report for 1932-3); (ii) Public Health Administration; (iii) Triennial Report on the Working of Hospital and Dispensaries; and (iv) the Punjab Mental Hospital. The Sections are (42) Details of Census, and (43) Public Health.

CHAPTER VII (paragraphs 166 to 172) reviews the following reports, (i) Progress of Education; and (ii) Central Museum. There are two Sections—(44) General System of Public Instruction—(reference is made to Chapter XIII of "The Land of the Five Rivers"); and (45) Education.

Since this report summarises the activities of all the Punjab Government departments and the statistics are mentioned in their relevant portions, an index of the main subjects is added.

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### APPENDIX III.

#### ANNUAL REPORT ON THE ZOOLOGICAL GARDENS, LAHORE (1938 Issue)

*First issue: 1922-23.*

*Size: Royal 8vo.*

*Pages: 2 + 2 + 4*

*Period. Year ending 31st March*

*Price Not for sale*

The Lahore Zoo is the only one in the British Punjab and is very popular among the public. The report is short (two pages and an appendix) and is prepared by the Curator, Zoological Gardens, Lahore. As stated above, it is not for sale to the public. It is prefaced by copies of two short letters (one from the Joint-Secretary to Government, Punjab (in the Development Department), to the Commissioner, Lahore Division; and the other from the Deputy Commissioner of Lahore, to the Commissioner, Lahore Division); which comment on the finances and the working of the Zoo.

The paragraphs of the text are headed as follows, and an enclosure shows the receipts and expenditure for the year

1. Gardens.
2. Duck Pond
3. Births \*
4. Attendance.
5. Buildings.
6. Gifts (gives a list of animals and the names of the donors)
7. Deaths.
8. Purchases
9. Staff.

The income of the Zoo, as shown, is from government grant, contributions and donations, rent from shops and photographers and sales of birds, animals, eggs, manure and grass; the items of expenditure are *feeding charges, establishment, building and electricity charges, garden expenses, pumps and storage tanks, purchase of birds and animals, medicines, etc*

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\*Mention is made of births of lion cubs in the Zoo



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